Volume 35 Issue 2

IMS Bulletin

March 2006

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IMS Lecture Program in Malaysia

The latest in a series of IMS lecture programs took place in December, this time in Malaysia. The lecturer was the well-known statistician Calyampudi R Rao, the Eberly Professor Emeritus of Statistics at Pennsylvania State University. Professor Rao delivered his lecture, titled The Past, Present and Future of Statistics, on December 27, 2005. It was the keynote lecture in an international statistics conference, *"Statistics in the Technological Age"*, which was held from 27–31 December 2005 at the Eastin Hotel, Petaling Jaya, Malaysia. The conference was organized by the Institute of Mathematical Sciences at the University of Malaya. See http://iscm.math.um.edu.my for more information.

C R Rao's theoretical work has been credited with helping to lay the foundation of modern statistics. Rao was awarded the United States National Medal of Science, the nation's highest award for lifetime achievement in fields of scientific research, in June 2002. He is a Wilks and Mahalanobis medalist, a former president of IMS, ISI and the Biometric Society, and a member or fellow of the National Academies of Science of the United States, United Kingdom, India and Lithuania.

In addition, C R Rao is an honorary fellow of ISI, the Royal Statistical Society (UK), the Biometric Society, and Institute of Combinatorics and Applications, King's College, Cambridge; and an elected fellow of IMS, ASA, AAAS and the American Academy of Arts and Science.

About 350 people attended C R Rao's lecture, which he summarizes on page 4.

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IMS Members' News

New Editor for *Annals of Applied Probability*

Ed Waymire

Edward C Waymire, Professor in the Department of Mathematics at Oregon State University, is the new editor of the *Annals of Applied Probability* with effect from 1 January, 2006. Correspondence about new submissions can be sent to:

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Department of Mathematics, Oregon State University
Corvallis, Oregon 97331-4605

Revisions of papers submitted to the previous editor, Robert Adler, should be sent to aap@ieadler.technion.ac.il or mailed to:

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The *Annals of Applied Probability* aims to publish research of the highest quality, reflecting the varied facets of contemporary applied probability. Primary emphasis is placed on importance and originality. More information on past and forthcoming issues is available at the AAP website, http://www.imstat.org/aap/

2006 IMS Tweedie New Researcher Award to Savas Dayanik

The second IMS Tweedie New Researcher Award will be made to Savas Dayanik of Princeton University. The award, in memory of Richard Tweedie, is to fund travel to present the Tweedie New Researcher Invited Lecture at the IMS New Researchers' Conference.

Savas Dayanik

Savas is Assistant Professor in the Department of Operations Research and Financial Engineering, Bendheim Center for Finance, at Princeton University. His BS and MS are from Bilkent University, Turkey, and he took his MPhil and PhD at Columbia University, New York. His research interests are listed as stochastic optimization with applications in finance and engineering; optimal stopping; optimal control; valuation and hedging of American-type contingent claims in finance; sequential change-detection problems; applied probability, stochastic processes, Markov processes, and martingales.

On hearing that he was the recipient of the 2006 award, Savas said, "I am honored and very pleased to be selected. It will be a great joy for me to present the Tweedie New Researcher Invited Lecture at the 2006 New Researchers Conference." The Ninth Meeting of New Researchers in Statistics and Probability will be held at the University of Washington in Seattle from August 1–5, 2006, immediately before JSM. For more details about the meeting, see http://www.stat.ohio-state.edu/~pfc/NRC/

Demand has been high for copies of the ***IMS New Researchers' Survival Guide.*** If you would like more print copies, please ask Elyse Gustafson erg@imstat.org. The guide is also available as a PDF: download it freely from http://imstat.org/publications/books/NewResearchersGuide.pdf

New Editors for IMS electronic journals

The IMS/Bernoulli electronic journals, *Electronic Journal of Probability* (*EJP*) and *Electronic Communications in Probability* (*ECP*), have new editors. Andreas Greven, Universitat Erlangen-Nurnberg, is the new editor of *EJP*. David Nualart, University of Kansas, is th enew editor of *ECP*.

The *Electronic Journal of Probability* publishes full-size research articles in probability theory. *Electronic Communications in Probability*, its sister journal, publishes short notes, survey articles, and research announcements in probability theory.

Both *EJP* and *ECP* have been selected for coverage in Thomson ISI® services. Beginning with Volume 9 (2004), information on the contents of these two Journals is indexed in:

- Science Citation Index Expanded®
- ISI Alerting Services®
- CompuMath Citation Index®
- Current Contents®/Physical, Chemical, and Earth Sciences®

More information on past and forthcoming issues is available at the *EJP* and *ECP* websites, http://www.math.washington.edu/~ejpecp/

Thanks to outgoing editors, Ted Cox (*EJP*) and Martin Barlow (*ECP*) for their efforts.

New ASA President: Sallie Keller-McNulty

The American Statistical Association has announced that Sallie Keller-McNulty, Dean of Engineering at Rice University in Houston, Texas, has assumed the office of ASA President.

"This is an exciting and challenging time to be a statistician," said Keller-McNulty. "Finding solutions to today's problems requires multiple disciplines working together to integrate theory, computation, experimentation, and an increasingly diverse body of relevant information. Statistics is the quintessential interdisciplinary science that lives at the heart of these scientific efforts, and the ASA lives at the heart of statistics." Keller-McNulty has over sixty statistical science publications and has co-authored a book, *Introduction to Probability and Systems Modeling*. Her areas of research are uncertainty quantification, computational and graphical statistics and related software and modeling techniques, and data access and confidentiality.

Keller-McNulty received her PhD in Statistics from Iowa State University of Science and Technology and her BS and MS in mathematics from University of South Florida. Prior to joining Rice in 2005, she was the Group Leader for the Statistical Sciences Group at Los Alamos National Laboratory (1998-2005). She is a former program director for statistics and probability in the NSF Division of Mathematical Sciences (1994-1996). Keller-McNulty has also served as professor and director of graduate studies in the department of statistics, Kansas State University (1985-1998) and she was an assistant professor in the mathematics department at the University of North Carolina–Greensboro (1983-1985).

Dr Keller-McNulty is a Fellow of ASA (1997), and she was recently named Fellow of the American Association for the Advancement of Science (AAAS). A recipient of the ASA's prestigious Founder's Award (2002), Keller-McNulty was also a joint ASA, National Science Foundation and Bureau of Labor Statistics Research Fellow from 1996 to 1997.

C R Rao: IMS Lecture summary

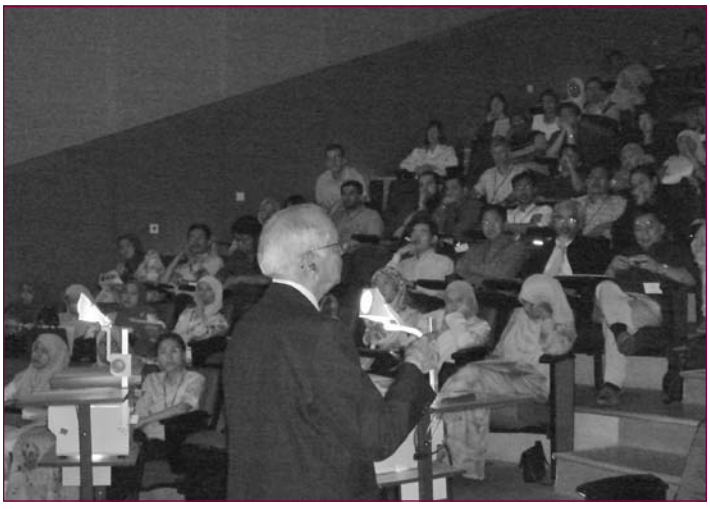
C R Rao delivered a lecture on "The Past, Present and Future of Statistics" in Malaysia, the latest in a series of lectures in the IMS Lecture Program. He summarizes his talk:

What is Statistics?

Statistics may be broadly defined as the science, technology and art of extracting information from observational data, for solving real world problems. It may be testing a scientific hypothesis, estimating an unknown quantity or predicting a future event. Since information in a particular data set has some uncertainty, data-based conclusions could be wrong. But if decisions have to be made under uncertainty, what is the best strategy? It was realized only at the beginning of the twentieth century that the key to this problem lay in quantification of uncertainty. The new discipline of statistics was ushered in the dawn of the twentieth century as the study of optimal decision making under uncertainty.

Karl Pearson's Chi-square

How do we quantify uncertainty? There are controversies on the subject with different schools of thought suggesting different ways of expressing uncertainty. In 1900, Karl Pearson made the first attempt by introducing the concept of standard errors of estimates, and the Chi-square goodness-of-fit statistic for hypothesis testing; the latter was hailed as one of the top twenty discoveries of the twentieth century.



C R Rao delivering his IMS lecture in Malaysia

Fisherian era of statistics

Twenty years later, a mathematical foundation for statistics was laid by R A Fisher by identifying specification (stochastic model for observed data), estimation (of unknown parameters in the model) and distribution (of statistics computed from data) as the three methodological problems of statistics, which formed the basis of theoretical research in statistics during most of the 20th century (discussions still continue in mathematical statistics journals).

Fisher made remarkable contributions to estimation, introducing the concept of likelihood, estimation by maximum likelihood, sufficient statistic and a measure of information in a sample. But these depend on the choice of the stochastic model governing the sample, for which Fisher did not formulate any rules. He worked with simple models such as the normal distribution which may not have universal applicability, and which according to John Tukey is the "curse of statistics". In hypothesis testing, Fisher laid too much emphasis on null hypothesis, which, *a priori* is not true in almost all situations, using conventional levels of significance such as 5% and 1% for rejecting a hypothesis. Referring to Fisher's work and subsequent formal theories developed by Neyman and Pearson, Tukey, Yates and Wolfowitz remarked that in current practice of testing a null hypothesis, we are asking a wrong question and getting a confusing answer.

Needs of customers; training of statisticians

A great demand was created for statisticians after the Second World War in government, industry, agricultural experimentation, pharmaceutical companies, and as consultants on legal matters. Statistics was considered a gateway to knowledge. Universities started statistics departments to train statisticians and encourage research in statistics. But there has been growing criticism that much current statistical research is not motivated by practical problems, and statisticians are not trained to analyze real data to provide satisfactory answers to customers. We hear statements like: "Statistics has failed to retain new scientific areas that it has nurtured (eg. Biometry and operations research) leaving statistics considerably narrower than it ought to be"; "This is the golden age of statistics, though it may not be for statisticians" (Mosteller); "No discovery of importance would have been missed for the lack of statistical knowledge" (F N David). Important areas of application of statistics such as pattern recognition, signal processing and data mining initially introduced by statisticians have been taken over for further research and development by computer scientists and engineers. The membership of many statistical societies is declining.*[Not the IMS! See the Treasurer's Report on pages 29–35.* Editor*]*

The future of statistics

A major criticism of statistics is that the methods are model based. There has been a change in the last 30 years: newer algorith-

Continued on **Page 5**

mic methods are used, such as bootstrap, classification and regression trees and neural networks which do not use explicit models and whose performance is nearly as good as those based on models when known.

Statistics developed rapidly when it was reorganized as a useful tool in all investigations which require experimentation, generating data, extraction of information and drawing inference. Unlike other subjects, statistics does not develop from statistics. It needs motivation from new problems arising in all areas of human endeavor. The future of statistics lies in the communication of statisticians with research workers in other branches of learning. The role of a statistician need not be that of a technician required to apply routine techniques to answer specific questions. With proper training this role could be proactive, helping the subject-matter specialist in formulating theories or hypotheses leading to the advancement of knowledge.

Previously, statistical methodology was developed in the context of small samples. Now with automated recording devices and increased resources for experimentation, large data sets become available. This creates new problems of database management, storage and retrieval. With rapidly changing technology new problems arise requiring new types of experimentation and measurements, like microarray data in genetic studies, digital images for face recognition, zip code recognition and early warning systems of terrorist activities. In addition, we have a large volume of transactional data, as recorded in grocery stores, banks, and so on, from which useful information can be extracted, by what has come to be known as data mining. Statisticians have exciting possibilities creating new methodologies and expanding the scope of statistics in solving new problems.

IMS Child Care Initiative: apply now

The purpose of the IMS Child Care Initiative is to encourage and support the participation at IMS Annual Meetings of IMS members who have child care responsibilities.

The IMS will reimburse members 80% of the costs of privately arranged child care (for a dependent under the age of 13) at this year's IMS Annual Meeting in Rio de Janeiro, up to a maximum of US$250 per family.

Priority will be given to those presenting papers or posters at the meeting. Not more than 40 grants may be awarded.

How to apply:

A letter requesting funds must be submitted to IMS Executive Director, Elyse Gustafson, at the IMS office (see page 2 for address) by June 1, 2006. The letter should include the following:

1. The member's name and email address
2. Copy of IMS annual meeting registration
3. Copy of receipt for abstract submission (if applicable)
4. Projected amount of child care expenses for the time of the meeting

After the meeting, the following should be submitted:

1. Complete receipt showing total amount of child care expenses, dates of care, and names and birth dates of dependents
2. The member's name and address

Where in the world…? Why, ***Rio de Janeiro****, of course! We've got a special article to whet your appetite on pages 6 and 7.*

Photo: Alex Gonzalez / www.worldisround.com

Rio de Janeiro: in a [Brazil] nutshell

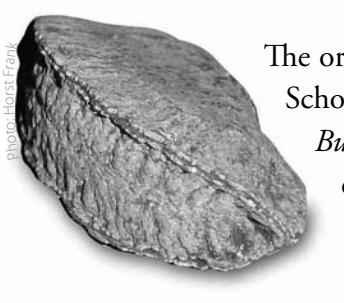


Photo: Horst Frank

The organizers of the 2006 IMS Annual Meeting, in conjunction with the tenth Brazilian School of Probability, are busy with preparations for the meeting. In the meantime *IMS Bulletin* is bringing you a series of articles about Rio de Janeiro, to help you with your own preparations. First, we recommend the excellent and thorough www.ipanema.com, which provides all the basics. So here's Rio in a nutshell (that's a Brazilnut, natch…)

Olá! Bem-vindos ao Rio de Janeiro

You will probably already know that Rio de Janeiro is a vibrant, cosmopolitan, and beautiful city, a city of sea, sun and samba. Modern Rio is a city forged by five centuries of Amerindian, European, and African historical and cultural interaction.

It is a city of contrasts, where the gulf between the glitter and the gloom seems deep and wide. A swim before dusk, surrounded by Rio's spectacular scenery, is an unforgettable experience. But visitors should remember that those romantic sparkling lights on the hillsides pinpoint the city's notorious *favelas*, or shanty towns and that robbing tourists, particularly in the Copacabana district, is a not uncommon beach activity. But don't let that put you off! Since we know that security will be a concern for many visitors, in the next issue there will be plenty of advice on keeping safe, so that you can focus on the meeting (and the scenery, the nightlife, the food, the beaches, the music…)

But first, a little history lesson.

What's in a name?

There's always a story behind a name, and here's the story of Rio's naming. In 1502 Portuguese explorers sailed to Brazil. Their mission: to confirm the existence and map the coastline of the land Pedro Alvares Cabral claimed he had 'discovered' (reportedly he'd got lost on the way to India, but that's another story). This second journey was headed by André Gonçalves (probably—there is some debate on this point). Sailing into what is now known as Guanabara bay, he apparently mistook it for the mouth of a river, (*rio* in Portuguese), the month was January (*Janeiro*)… the rest, as they say, is history.

According to linguists, the term *carioca*, as locals call themselves, is not derived from the word Rio, as in ca-*rio*-ca. It is actually a Tupi Indian term (*kara'i oca*), roughly meaning "white house", or "house of whites". That's what the original inhabitants called the houses built by the Portuguese settlers. Gradually the Portuguese started thinking of themselves as *cariocas* (from the excellent website http://www.ipanema.com).

Incidentally, since the *r* in Portuguese is pronounced more like an *h*, you might hear those in the know referring to "*Heeo*". There's some more on Portuguese on the next page.


Photo: Jan Sidorowocz, courtesy of www.worldisround.com

If you thought Rio was the capital of Brazil, well, you're only a bit behind the times. It was the country's capital from 1763 until 1960, when President Juscelino Kubitschek inaugurated his dream vision of a model capital, Brasilia. Rio remains a major economic and cultural hub in the Southeastern region, where 60% of the Brazilian GDP is concentrated. It is the capital of the State of Rio de Janeiro.

The city of Rio de Janeiro welcomes more than 2 million foreign tourists each year, making it the most visited city in Brazil. Added to this are more than 5 million Brazilian tourists a year. Its exuberant natural resources include 90 km (56 miles)

of beaches, the Tijuca National Park, which includes the largest urban forest in the world, and the Rodrigo de Freitas, Camorim, Tijuca and Marapendi lakes and lagoons.

Language tips

The main language in Brazil is Portuguese. Over 200 million people around the world claim Portuguese as their native language: in fact, it is the seventh most spoken language in the world today, behind English, Mandarin Chinese, Spanish, Hindi, and Russian. Pronunciation varies in the Portuguese-speaking (or Lusophone) world, but not enough to block communication.

English is the predominant foreign language taught in schools, and Spanish, if spoken slowly, is understood by a good percentage of the population.

Learning a few phrases will help, and there are some useful websites like http://www.sonia-portuguese.com/ and http://fonetiks.org/indexother.html (for pronunciation). Here's some useful ones to get you started (thanks to Eulalia Vares for help with this!):

Hello	Olá!
Hi	Oi
How are you?	Como vai? Tudo bem?
How do you do? (more formal)	Como esta?
I'm fine	Tudo bem! *or* Tudo tranqüilo!
Good morning	Bom dia
Good afternoon	Boa tarde
Good evening	Boa noite
Nice to see you	Prazer em ve-lo
Please	Por favor

Thank you	Obrigado *(if a man)* Obrigada *(if a woman)*
You're welcome	De nada
Yes	Sim
No	Não
Goodbye	Adeus
Bye / So long	Ate logo
See you later	Ate mais tarde
See you tomorrow	Ate amanha
Good night	Boa noite
Repeat it, please	Repita, por favor
and finally... Have a good trip!	Boa viagem!

Do you need a visa?

Image: Ian Britton

This is a reminder that *most* foreigners traveling to Brazil on business will need a business visa. This includes Canadian, American and Australian visitors. You should check with your nearest Brazilian embassy or consulate.

At this time, nationals of most South American and European countries, together with Israel, New Zealand, The Philippines, South Africa, South Korea, and Thailand **do not need a visa when travelling to Brazil for business discussions**. Most Brazilian consulated list the requirements on their websites. Check, for example, the one in New York: http://www.brazilny.org/consular/vistos/visas_by_country.htm

Note that your passport should be valid for at least six months after your trip. Also, your first entry into Brazil must be made within 90 days of the date the visa is issued, so time your application accordingly.

Ten most frequent countries of origin of foreign visitors to Rio de Janeiro in 2004

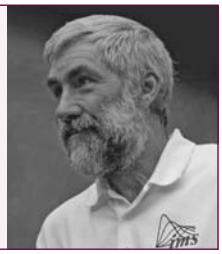
	Country	Number of visitors	%
1	United States	379,815	21.5
2	Argentina	211,935	12.0
3	Portugal	136,187	7.7
4	Germany	130,915	7.4
5	Italy	105,991	6.0
6	France	105,688	6.0
7	United Kingdom	96,401	5.5
8	Spain	69,089	3.9
9	Chile	61,957	3.5
10	Canada	45,143	2.5
–	Other countries	n/a	24.0

[Source: EMBRATUR]


Photo: Alex Gonzalez / www.worldsround.com

Terence's Stuff: Getting to Carnegie Hall

Terry Speed has delivered / sat through many, many talks over the years, and wonders how many could have been improved with a little practice…



An old joke asks "How do you get to Carnegie Hall?" The answer, written several times in the text below, is still relevant to all of us. As it's coming up to conference time, I thought I'd talk about talks. Most of us sit though lots of talks as part of our job. In a typical week I listen to (who said sleep through?) three to five, while at a conference that might jump to eight or more a day, so I feel I am entitled to an opinion on them. I missed out on presentations using clay tablets, papyrus or parchment, but feel that I've seen them all since then: white chalk on blackboards, black pens on whiteboards, colored chalk or pens, lantern slides, 35mm slides from carousels, handwritten plastic foils, word-processed transparencies, and now either .ppt or .pdf slides through an LCD. Have things got better? I think unquestionably so. I agree with some of the criticisms of PowerPoint, but its appearance on the scene has forced many of us to lift our game.

I don't remember when I first encountered the practice of people, usually students, giving "practice talks" prior to the real thing. When I was a student there were stories about this or that professor pacing up and down in the room in which he was going to lecture, half an hour before class. It was said that he was practicing his lecture. This seemed very odd to us, for most of our lecturers simply copied handwritten or typed notes onto the blackboard, something for which practice seemed unnecessary. Perhaps he was practicing his jokes. A seminar was given in the same way, the difference being that what was transcribed was typically "new". My own preparation for seminars in those days was to write out on paper what I wanted to say, and on the day, say it as I wrote it onto the board. When I ad-libbed, things usually got out of hand. Keeping to the script was essential, but I often failed, as I hated writing out exactly the same thing twice. I still do. For me the arrival of transparencies was liberation from the tyranny of transcription. I could now write the essentials on those sheets of plastic, and while everyone was staring at the brightly lit region on the wall, I could walk, talk, point, wave my arms, correct errors, and feel free at last. I liked it when we could print out typed transparencies, even more so when we could copy material — text, figures, images — onto transparencies, and I quickly overcame my natural reluctance to use PowerPoint when the time came. (How did I do that? Easily, Would you want to be the only person in a large institute using transparencies, when everyone else was giving stunningly good presentations in .ppt?)

One of my arguments in favor of these digital presentations is the ease with which they can be improved after rehearsal. I practice my talks, and as a listener I want others to do likewise. Best is one or more full-scale rehearsals with an audience who are interested in, but not too familiar with the topic, who can be trusted to give honest opinions afterwards. Our students at Berkeley sit in on each others' practice talks, and we all benefit, though at times I wonder if they are not a little too kind to each other. How often have you sat through a talk and thought how much better it would have been for you if the speaker had rehearsed it in front of a mock audience, and registered their comments? The speaker might not have failed to give that key definition (perhaps thinking that everyone knew it), or might have learned that certain slides were unreadable, or the pace was far too fast, or that examples would have helped, and so on.

Musicians practice (particularly ones aspiring to performing in Carnegie Hall), while actors and opera singers rehearse, so why shouldn't we all do likewise before we give our performances? From time to time I hear a very bad talk, and I wonder to myself what that person thinks their audience is thinking, how did they get to where they are now with nobody telling them what an embarrassment their talks are, and what can I, the listener, do to prevent repeat performances? Perhaps we need seminar and conference review columns in our society bulletins, where reviewers tell it straight. Perhaps this column will do the trick (the power of the pen!). Or perhaps we all need to be just a little more direct in our comments to speakers. Talks are a lot better now, but for some there is room for much improvement.

American Youth Symphony members practising hard. See http://www.aysymphony.org/

Obituary: Gregory C Reinsel

1948–2004

Gregory Charles Reinsel, Professor of Statistics, died suddenly and unexpectedly on May 5, 2004, while jogging. He was 56 years old. He is survived by his wife Sandy, son Chris, daughter Sarah and daughter-in-law Jenny.

Greg was born in 1948, in Wilkinsburg, Pennsylvania. He received his BS in 1970 and his MA in 1972, both in Mathematics, from the University of Pittsburgh. Four years later he was awarded a PhD in Mathematics and Statistics, also from the University of Pittsburgh. He then joined the Department of Statistics at the University of Wisconsin–Madison, where he remained until his untimely death. He was promoted to associate professor in 1983 and to full professor in 1987. Greg was always a diligent, hard-working and energetic contributor to departmental governance, highlighted by his two years as associate chair (1995-97) and his four years as chair (1997-2001) of the department.

Greg's expertise was focused in the area of time series. An important area of Greg's work focused on analyses of the depletion and then recovery of the ozone layer since the 1970s. He was a key statistician in what has been called the "Tiger Team" of atmospheric scientists and statistical researchers on ozone and temperature. This group has published over 30 articles in top ranked scientific journals representing numerous major breakthroughs and just recently was awarded the 2005 Stratospheric Ozone Protection Award by the US Enviromental Protection Agency specifically in recognition of this collaboration between scientists and statisticians.

At the same time that Greg was doing his ozone work, he was also making deep and important methodological contributions in univariate and multivariate time series, generalized and random effects models, and spatial statistics. His career includes over 70 refereed journal articles and three books, and he supervised the dissertations of 11 PhD students. Each of his publications was deep, thorough, and exemplified a scholarly brilliance that few achieve.

For 28 years Greg was highly respected and valued by the department's graduate students for his careful and thorough presentation, and for the invaluable preparation he gave them for their dissertation work. With a sense of whimsy appreciated by Greg, the graduate students in Statistics once voted Greg the "Best-dressed faculty member". More serious recognition of his talents and his impact in the field came from his being awarded Fellowship in the two most important professional societies of his discipline: the American Statistical Association, and the Institute for Mathematical Statistics.

Despite his extraordinary talents and contributions, Greg was an intensely modest man. During department seminars, he would often remain quiet until the very end of the seminar and question period, and then raise his hand. His question almost always began by saying: "I'm not sure I really understand the idea—I don't think I know very much about it…" and then Greg would ask a question which invariably demonstrated tremendous insight and clarity, capturing the very essence of the speaker's material. He demonstrated similar modesty, and similar brilliant insight, in all of his scholarly activies: in department meetings, in student exams, and in his international work with physicists, meteorologists and atmospheric scientists.

Few of us knew Greg's private life at all: not until after his death were we aware that he was an avid fan of James Bond movies, or that he was a highly knowledgable amateur historian of World War II. Greg had a love for basketball and participated in it throughout his life. At the time of his death, he was still playing with the Madison School and Recreation Department program. Greg also ran 5K's and won a medal for his running at the Badger State Games.

The UW–Madison Department of Statistics has lost a rock-solid colleague and friend; the global scientific community has lost a brilliant mind and dedicated researcher.

Murray Clayton, Department of Statistics,
University of Wisconsin–Madison

Past *IMS Bulletin* Editors

Leo Katz (1972-74)

Dorian Feldman (1975-80)

William C Guenther (1981-86)

George P H Styan (1987-92)

Susan R Wilson (1992-97)

Dipak K Dey (1998-2001)

IMS Web Editor: Chris Burdzy

I took over the editorship of the IMS Web site on Januray 1, 2006, from Hemant Ishwaran. The IMS Web site has undergone a rapid development in recent years. The number of pages has been growing rapidly and the amount of information and services provided has been increasing accordingly. The most recent addition is the "members area" of the Web site, protected by password.

This rapid growth can be a source of pride for the IMS. But the same growth has created some technical problems. A number of aspects of the current Web site can be improved. I plan to work on a number of Web projects with the goal or providing a better service to IMS members. Additionally, Jim Pitman, the IMS President-elect, has plans for a number of electronic services that will be related to the IMS Web site, although they may have their own independent identity.

Users may be interested in the following elements of the plan:

i) redesign of the graphical interface;
ii) restructuring of the navigation;
iii) new services linked to the database; some of them are likely to be restricted to the members.

On the less glamorous, technical, side, the Web pages will be converted to some form of "dynamic html". In other words, the Web pages will be created on the fly with the data supplied by a database. A new database will be created to store the data not only for the IMS Web site but also for other potential electronic services supplied by the IMS.

The IMS Executive Committee set aside some money to hire outside consultants to provide technical services in relation to the IMS Web site redesign that cannot be done in-house.

All members (and other users of the Web site) are encouraged to contact Chris Burdzy (burdzy@math.washington.edu) with suggestions and comments related to the IMS Web site.

New IMS web editor, Chris Burdzy, and outgoing IMS webmaster, Arti Ishwaran

Arti Ishwaran moves on:

A special note from Elyse Gustafson and Chris Burdzy: ***Arti Ishwaran, the IMS webmaster, has served the IMS well over the last three years. She will be leaving at the end of February to focus on her family obligations. Arti, thanks for your hard work and dedication. You will be missed.***

Current Index to Statistics: web development proposals

The *Current Index to Statistics* (*CIS*) is a bibliographic index to publications in statistics and related fields. *CIS* is a joint venture of the Institute of Mathematical Statistics and the American Statistical Association.

Alan Zaslavsky wrote an article about *CIS* in the last issue (page 7). In it he describes the history and philosophy of the index, and the recent initiative to make its contents available for free to IMS and ASA members.

Web development projects: proposals

As another new initiative, the Management Committee of *CIS* decided last year to budget $10,000 for "web development projects". These are intended to be projects that add value to *CIS*, carried out by members of the community at large. For example:

- A project to obtain and enter an important collection of bibliographic data.
- A project to add value to existing entries, for example by providing links to other related articles in the index.
- A project to provide links to external sources of information related to the entries in the index, for example to biographical information on the authors.

Individuals or groups who would like to propose a project through this fund are invited to submit proposals by April 1, 2006.

Proposals should include a budget, a timeline, a description of the proposed work, and a statement of deliverables due within a year of the start of the award. They may include suggestions for future follow-ups, in case this initiative is repeated in 2007. It is anticipated that each award amount will be at least $2,000, with the total of the awards to be approximately $10,000. The first awards will be made by June 1, 2006.

Proposals will be judged by the *CIS* Management Committee on the following criteria:

- Value to *CIS* of the likely outcome from the project.
- Clarity of objectives, and likelihood of success.
- Matching funds from other sources.

Proposals should be sent by mail, email or fax: *Duncan Murdoch, Chair, CIS Management Committee, Dept. of Stat. and Act. Sci., University of Western Ontario, London, Ontario, Canada N6A 2C8.* murdoch@stats.uwo.ca ; fax: (519) 661 3813

Bayesian Analysis: Issue 2 out now

A new issue of the new electronic journal *Bayesian Analysis* has been published at http://ba.stat.cmu.edu

The issue includes the following articles:

Deconvolution in High-Energy Astrophysics: Science, Instrumentation, and Methods
David A. van Dyk, Alanna Connors, David N. Esch, Peter Freeman, Hosung Kang, Margarita Karovska, Vinay Kashyap, Aneta Siemiginowska, Andreas Zezas

Comment on article by van Dyk et al.,
Ji Meng Loh and Andrew Gelman

Rejoinder
David A. van Dyk and Hosung Kang

Inferring Particle Distribution in a Proton Accelerator Experiment
Herbert K. H. Lee, Bruno Sanso, Weining Zhou, David M. Higdon

Bayesian nonparametric estimation of the radiocarbon calibration curve
Caitlin E. Buck, Delil Gomez Portugal Aguilar, Cliff D. Litton and Anthony O'Hagan

Who Wrote Ronald Reagan's Radio Addresses?
Edoardo M. Airoldi, Annelise G. Anderson, Stephen E. Fienberg, and Kiron K. Skinner

Model-based subspace clustering
Peter D. Hoff

A One-Pass Sequential Monte Carlo Method for Bayesian Analysis of Massive Datasets
Suhrid Balakrishnan and David Madigan

Conjugate Analysis of the Conway-Maxwell-Poisson Distribution
Joseph B. Kadane, Galit Shmueli, Thomas P. Minka, Sharad Borle, and Peter Boatwright

Misinformation in the conjugate prior for the linear model with implications for free-knot spline modelling
Christopher J. Paciorek


Volume 1 Number 2 2006

BAYESIAN ANALYSIS

The journal is sponsored by the International Society for Bayesian Analysis (ISBA). Its founding editors are Alicia Carriquiry, Phil Dawid, David Heckerman, Xiao-Li Meng, Christian Robert, Fabrizio Ruggeri, and Dalene Stangl. Rob Kass is serving as Editor-in-Chief, Herbie Lee is Managing Editor, Marina Vanucci is Deputy Editor, and Pantelis Vlachos is System Managing Editor.

Bayesian Analysis seeks to publish a wide range of articles that demonstrate or discuss Bayesian methods in some theoretical or applied context. The journal welcomes submissions involving presentation of new computational and statistical methods; reviews, criticism, and discussion of existing approaches; historical perspectives; description of important scientific or policy application areas; case studies; and methods for experimental design, data collection, data sharing, or data mining. Evaluation of submissions is based on importance of content and effectiveness of communication.

We aim to provide reports to authors within 10 weeks of submission on at least 80% of articles submitted.

2006 Council Elections: candidate information

Candidate for President-Elect: One Nomination

Jianqing Fan

Professor of Statistics; Director of Committee of Statistical Studies
Department of Operation Research and Financial Engineering
Princeton University
www.orfe.princeton.edu/~jqfan

Degrees: Ph.D., 1989, University of California at Berkeley.

Research interests: Semi- & Non-parametric modeling, Financial Econometrics, Bioinformatics, Analysis of longitudinal and functional data, Nonlinear time series, High-dimensional model selection, Survival analysis, Wavelets

Previous IMS responsibilities/positions: Associate Editor, *The Annals of Statistics*, 1998–2003; Member, Committee on Special Invited Papers, 2000– ; Member, Committee on Nomination, 2002; Member, Council, 2003– ; Co-Editor, *The Annals of Statistics*, 2004– ; Member, Fellow committee, 2004– ; Member, Publication Committee, 2004– ; Chair, Committee on creating a statistical journal, 2005; Various conference session organizers for IMS

Supporting statement: Technological innovations and challenges from frontiers of research and development have reshaped statistical thinking, data analysis and theoretical studies. The discipline of statistics will grow stronger when it provides methodologies that address issues of high societal impact while at the same time offering foundational understanding of the methodologies that push theory, methods and applications forward. As a premiere academic society in statistics, the IMS should be a leader in fostering and disseminating statistical theory, methods and applications. I intend to promote the creation of an applied statistics journal to better serve its members and statistical communities. I will further the continued efforts on electronic journals for probability and statistics. I appreciate diversification of our growing discipline and plan to forge the collaborations among probability, statistics, applied mathematics and machine learning communities. I will promote probabilistic and statistical activities in developing countries and encourage more collaboration with other statistical societies. I will work on improving services to the IMS members, attracting more members to the society and promoting further its international presence.

Candidates for IMS Council: Ten Nominations (in alphabetical order)

Anthony Davison

Professor of Statistics, Institute of Mathematics, Ecole Polytechnique Fédérale de Lausanne
http://people.epfl.ch/Anthony.Davison

Degrees: BA Mathematics, Oxford, 1980; MSc Statistics, Imperial College London, 1981; PhD Statistics, Imperial College London, 1984

Research interests: Likelihood asymptotics, resampling methods, statistical modelling, statistics of extremes

Previous IMS responsibilities/positions: Fellow

Supporting statement: The IMS is one of the major international bodies for the promotion of statistics and probability and their applications, and its journals are among the most prestigious and influential worldwide. In recent years it has made important steps in broadening its activities and appeal and hence its potential impact beyond their traditional base, both intellectual and geographic, by holding a wider range of meetings, both in terms of topics and location, and by playing a leading role in the free electronic dissemination of research. If elected to IMS Council I will do my best to further strengthen these activities, as is essential if statisticians and probabilists are to play their full role in meeting the scientific and social challenges of tomorrow.

Frank den Hollander

Prof. dr., Mathematical Institute, Leiden University, The Netherlands

Degrees: 1980 MSc, Theoretical Physics, Leiden University, 1985 PhD, Mathematical Physics, Leiden University

Research interests: Probability theory, Mathematical Statistical Physics, Ergodic theory

Previous IMS responsibilities: none

Supporting statement: During my 5-year term as scientific director of EURANDOM, I have worked hard on various isssues of internationalization. It is important to open up channels of contact and collaboration for young researchers entering mathematics. The opportunities are plenty. On the IMS Council I would strive for a closer tuning of the activities that are taking place on different continents and for a stronger role of interacademic research institutes on the international conference agenda.

Ursula Gather

Professor, Department of Statistics, University of Dortmund, Germany
http://www.statistik.uni-dortmund.de/de/content/einrichtungen/lehrstuehle/msind/leute/gather.html

Degrees: PhD, 1979, Technical University of Aachen

Research interests: Statistical model building; Robust statistics; Signal extraction from biomedical data; Industrial Statistics

Previous IMS responsibilities/positions: None, but currently treasurer of the Bernoulli Society

Supporting statement: The IMS is an indispensable international organisation supporting mathematical statistics. I find it important to help pursuing the goals of the IMS in statistical research all over the world. I find the motivation for my own research from problems in modern science and engineering and I consider it crucial and important that the future development of statistical methodology meets the challenges for data analysis coming from such applied fields. I would like to help keeping the leadership of IMS in statistics in this respect especially by increasing cooperations with other disciplines.

Iain Johnstone

Professor of Statistics and Vice Dean of Humanities and Sciences, Departments of Statistics and Health Research and Policy, Stanford University
http://www-stat.stanford.edu/people/faculty/johnstone/index.html

Degrees: BSc (Hons), 1978, Australian National University PhD, 1981, Cornell University

Research interests: Non-parametric function estimation, multivariate statistics, random matrix theory

Previous IMS responsibilities/positions: Program Secretary, 1994-97; President 2001-02

Supporting statement: IMS's historical role has been to nurture the 'core' disciplines of statistics and probability through publications, meetings and creating a sense of community. With increased emphasis on multidisciplinary work, IMS is challenged both to continue to promote the vitality of the core while supporting and reflecting the manifold collaborative interests of its members. If elected to Council, I hope again to contribute to IMS's work towards these goals.

Karen Kafadar

Professor and Chancellor's Scholar, Department of Mathematical Sciences, University of Colorado–Denver & Health Sciences Center
http://math.cudenver.edu/~kk

Degrees: BS (Mathematics) and MS (Statistics), both 1975, Stanford; PhD (Statistics), 1979 Princeton

Research interests: Robust methods, data analysis, statistical computing and graphics, applications in physical, engineering, and biological sciences

Previous IMS responsibilities/positions: Member since 1977

Supporting statement: I've not previously served IMS in any capacity although I've been a member since 1977. The statistics profession, as are other disciplines, encounters a rapidly changing world, especially with respect to globalization of information transfer, dissemination, and analysis. Electronic journals are just one manifestation of this change. The international focus of IMS and its dedicated members are great assets in helping to identify ways of adapting to these changes. As a council member I hope to suggest and implement changes that will benefit statistics and society as a whole.

Claudia Klüppelberg

Professor of Mathematical Statistics, Center for Mathematical Sciences, Munich University of Technology
http://www-m4.ma.tum.de/pers/cklu/

Degrees: PhD (1987) Univ. of Mannheim, Habiliation (1992) ETH Zurich.

Research interests: Time series analysis, statistics of stochastic processes, extreme value theory, risk management in finance and insurance

Previous Service to IMS: IMS Fellow, Associate Editor of *Annals of Applied Probability* (since 2003), Member of the Nominating Committee (2002-2003).

Supporting statement: I have always been impressed by the high quality of IMS products like its journals and conferences. IMS is an ideal platform for worldwide interactions between probabilists, statisticians and their various applications. If elected, I will participate actively in the discussions, both by email and at the annual meetings. Areas where I have special interests include the promotion of probability and statistics in the less developed countries and the support of new interesting fields of applications. It would be an honor to help meeting the challenges of creating the exciting future of our profession. For more about me see http://www-m4.ma.tum.de/pers/cklu/

Zhi-Ming Ma

Professor, Institute of Applied Mathematics, AMSS, Chinese Academy of Sciences
http://www.amt.ac.cn/member/mazhiming/eindex.html
Degrees: DS, Academia Sinica, 1984
Research interests: Markov processes and Dirichlet forms, Stochastic analysis and applications, Super processes of stochastic flows, Applied probability, Point processes, Random networks
Previous IMS responsibilities/positions: IMS member
Supporting statement: From theoretic disciplines to applied sciences and technology, from developed countries to developing countries and districts, we see that Statistics and probability is being more and more essential. The IMS plays an outstanding role as a worldwide institution for fostering and disseminating the influence of statistics and probability. I want to serve on the council to promote the IMS's impact more deeply and more widely. I will do my best to work with other IMS members to enhance and to increase the influence of Statistics and probability in various aspects, through the existing and newly invented excellent activities of IMS.

Xiao-Li Meng

Professor and Chair, Department of Statistics, Harvard University
Degrees: PhD (1990) & MA (1987) in Statistics, Harvard; BS in Mathematics (1982), Fudan University.
Research interests: Statistical modeling and computation; Incomplete and missing data; Bayesian analysis; Markov chain Monte Carlo; Inference foundations; Applications in social sciences, astronomy and engineering.
Previous IMS responsibilities/positions: Assoc Editor for *Annals of Statistics* (1997-2003); Committee on Special Lectures (2005-2007); Committee on Nominations (2001-2002); Fellow of IMS (1997); IMS Program Chair for 1999 JSM; IMS Program Committee for the 1997 ENAR Spring Meeting; Co-organizer, IMS/ASA invited panel on "Speeding the Referee Process" (for 1995 JSM).
Supporting statement: A primary reason I accepted the nomination to serve on the IMS council, when simultaneously accepting the nomination for Vice President of the American Statistical Association (ASA), is to contribute to further strengthening the collaboration of these two major professional societies for statisticians and probablists. As detailed in my ASA VP statement (available at http://www.amstat.org/candidatebios/index.cfm?fuseaction=ViewBios), I believe strong collective leadership from major societies such as ASA and IMS is the key in speeding up the pace for advancing our profession. I would like to see stronger joint efforts in: (1) assessing the "deserved market value" of statisticians and related professions, and thereby to ensure that we stay competitive in attracting the best minds into our profession; (2) increasing the general awareness that faster publication helps to improve our "relevance" in the general scientific community; and (3) advocating that better teaching is also about improving our image to the general public, because it helps to convey more effectively that statistics and probability are much more than taking averages or flipping coins.

Ning-Zhong Shi

Professor, Department of Statistics, School of Mathematics and Statistics, Northeast Normal University, P.R. China
http://www.nenu.edu.cn/professor/professor.php?type=5&id=122
Degrees: PhD, 1989, Kyushu University, Japan
Research interests: Restricted statistical inference, multivariate analyses, nonparametric statistics, clustering and classification, econometrics
Previous IMS responsibilities/positions: None
Supporting statement: The IMS has played a leader role for the field of statistics to develop new approaches for emerging problems through the organization of conferences between statisticians and scientists, and by the publication of several of the major journals in these areas. It is an academic home of statisticians. I want to become a member of the academic home of statisticians, promote the academic home's influence on developing counties, e.g. China and various scientific fields, and increase the level of cooperation with international groups by sponsoring the workshops, providing some real data and the free softwares of some statistical methods for applications to various fields.

Wing Hung Wong

Photo not available

Professor, Department of Statistics, Stanford University
www.stanford.edu/group/wonglab/index.html
Degrees: BA, Math and Stat, UC Berkeley; PhD, Statistics, UW Madison
Research interests: Monte Carlo methods and Bayesian modeling; computational biology; asymptotic theory
Previous IMS responsibilities/positions: IMS Council (99–01)
Supporting statement: If elected I will do my best to see that IMS continues to serve its many important roles for our discipline. In particular, I am interested in (1) how to maintain the quality of our journals and to improve their speeds and scientific scopes and (2) how IMS can provide further service and guidiance for junior members who are at the beginning of their careers.

VOTING OPENS IN MARCH: see www.imstat.org/elections

IMS Meetings around the world

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

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

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

Registration and hotel bookings now open

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

IMS Special Invited Speakers:

The 2006 Wald Lectures will be delivered by Peter Hall; the Le Cam lecture by Stephen Stigler, and the Medallion Lectures by Paul Glasserman, Greg Lawler, Thomas Mountford, and Michael Woodroofe.

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

Travel grants for students and new researchers: deadline for Laha Travel Award has passed; apply for a travel grant from EBP: check the EBP website for details: http://www.impa.br/eventos/2006_escola_brasileira_de_probabilidade_impa.html

Statistics and probability programs

Details of the statistics and probability programs are on the website.

Statistics program (July 30–August 2)

Co-chairs for statistics: Sara van de Geer and Guenther Walther

1. *Analysis of longitudinal data* (Damla Senturk)
2. *Statistical learning* (Sayan Mukherjee)
3. *Statistics in Finance* (Yacine Ait-Sahalia)
4. *Aggregation of estimators* (Yuhong Yang)
5. *Statistical analysis of shapes and images* (Victor Patrangenaru)
6. *Estimation in time series that are both non-linear and non-stationary* (Joon Park)
7. *Adaptive smoothing applied to images and processes* (Vladimir Spokoiny)
8. *Inference for high-dimensional data and models* (Peter Bickel)
9. *Graphical models: Algorithms and statistics* (Martin Wainwright)
10. *Statistics and the Environment* (Bin Yu)
11. *Inverse problems, deconvolution and applications* (Geurt Jongbloed)
12. *Modeling dependencies via copulas and applications* (Irene Gijbels)
13. *Information and complexity* (Peter Grunwald)
14. *Advances in statistical genomics* (Sylvia Richardson)
15. *Analysis of functional data* (Hans Mueller)
16. *Astrostatistics* (Chad Schafer)
17. *Multiple hypothesis testing and false discovery rate* (Felix Abramovich)
18. *Frequentist analysis of Bayesian procedures* (Aad van der Vaart)
19. *Likelihood/Bayesian methods for discretely observed stochastic processes* (Gareth Roberts)
20. *Session organized by Mexican Society (AME): Statistics for Levy processes* (Victor Perez Abreu)
21. *Session organized by Brasilian Society (ABE)* (Silvia Regina-Lopez)
22. *Session organized by Argentinian Society (SAE)* (Victor Yohai)
23. *Session organized by the Chilean Society (SOCHE)* (Wilfredo Palma)
24. *Vardi memorial session*
25. *Medallion lecture: Michael Woodroofe* (Guenther Walther)
26. *LeCam lecture: Steven Stigler* (Guenther Walther)
27-9. *Wald lectures: Peter Hall* (Guenther Walther)

Fifth International Symposium on Probability and its Applications (August 2–4)

Co-chairs for probability: Robert Adler and Steve Lalley

Medallion Lectures: *Greg Lawler, Tom Mountford, Paul Glasserman*

Invited Speaker Sessions:

1: *Random motion in a random environment* (Nina Gantert)
2: *Percolation* (Russ Lyons)
3: *Random matrices* (Alexander Soshnikov)
4: *SLE and Scaling Limits of Planar Processes* (Wendelin Werner)
5: *Interacting particle systems* (Pablo Ferrari)
6: *Stochastic networks* (Marty Reiman)
7: *Mathematical finance* (Steve Shreve)
8: *Levy processes and applications* (Gennady Samorodnitsky)
9: *Probability and Genetics* (Vlada Limic)
10: *Stochastic Geometry and Applications* (Eva Vedel Jensen)
11: *Combinatorial probability* (Alexander Gnedin)
12: *Spin glass: statics, dynamics, and aging* (Erwin Bolthausen)
13: *Concentration inequalities* (Michel Ledoux)
14: *Mixing rates of finite Markov chains* (Dana Randall)
15: *Gaussian processes, geometry and applications* (Jonathan Taylor)
16: *SPDE and measure-valued processes* (Sylvie Meleard)
17: *Stochastic Numerical Methods* (Denis Talay)
18: *Random flows* (Yves Le Jan)

IMS Meetings around the world

Joint Statistical Meetings:

Seattle, August 6–10, 2006

w http://www.amstat.org/meetings/jsm/2006/

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

JSM (the Joint Statistical Meetings) is held jointly with IMS, ASA, the International Biometric Society (ENAR and WNAR), and the Statistical Society of Canada. Attended by over 5000 people, activities of the meeting include oral presentations, panel sessions, poster presentations, continuing education courses, exhibit hall with state-of-the-art statistical products and opportunities, career placement service, society and section business meetings, committee meetings, social activities, and networking opportunities. For information, contact jsm@amstat.org or phone toll-free (800) 308-8943.

Key Dates for JSM

March 31 Preliminary Technical Program available online
April 16 Deadline for revisions to abstracts for final publication
May 1 Registration and hotel reservations open
May 31 Preliminary program posted on the JSM website
May 19 Draft manuscripts due to session chairs.
June 30-July 20 Advance registration (increased fees apply).
July 7 Hotel reservations deadline.
July 14 Final program available on JSM website.
August 5-10 On site registration (increased fees apply)

Seattle: soak it up!

IMS sponsored meeting:

9th IMS meeting of New Researchers in Statistics and Probability

University of Washington, Seattle, WA
August 1–5, 2006

Co-chairs: Peter Craigmile and Peter Hoff: nrc@stat.ohio-state.edu

w http://www.stat.ohio-state.edu/~pfc/NRC/

The IMS Committee on New Researchers is organizing another meeting of recent PhD recipients in statistics and probability. The conference aims to promote interaction among new researchers, primarily by introducing them to each other's research in an informal setting. Participants will present talks and posters on their research and discuss interests and professional experiences over meals and social activities organized through the meeting as well as by the participants themselves.

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

Application is now closed. For any questions or comments contact Peter Craigmile (Department of Statistics, The Ohio State University) or Peter Hoff (Department of Statistics, University of Washington).

At 605 feet, the Seattle Space Needle towers over the Experience Music Project on the Seattle Center grounds. Photo: Tim Thompson/Seattle CVB

IMS co-sponsored meeting

IWAP 2006: Third International Workshop in Applied Probability
May 15–18, 2006, University of Connecticut, Storrs, CT

UPDATED

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

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

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

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

Information on registration and abstract submission is available on the workshop website.

Contact Joseph Glaz, Department of Statistics, University of Connecticut **e** joseph.glaz@uconn.edu

IMS sponsored meeting:

31st Conference on Stochastic Processes and their Applications

July 17–21, 2006, Paris, France

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

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

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

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

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

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

Check the website for updates.

Above: *the Louvre museum, one of Paris's foremost attractions.* Below: *getting around Paris is easy on the metro.*

Photos: Ian Britton / www.freefoto.com/

IMS Meetings around the world

IMS co-sponsored meeting

Statistical Models for Biomedical and Technical Systems
May 29–31, 2006
Limassol, Cyprus

IMS Rep: Filia Vonta
w http://www.ucy.ac.cy/biostat2006

The conference will provide a forum for presenting new statistical models and mathematical methods for Survival Analysis, the Reliability of Engineering and Technical Systems as well as the Reliability of Biological and Biomedical Systems. The Conference is organized by the University of Cyprus and the Seminaire Européen – European Seminar "Méthodes Mathématiques pour l' Analyse de Survie, Fiabilité et Qualité de Vie". The meeting will be held at the Beach Hotel Miramare Bay Resort, in the seaside town of Limassol, Cyprus http://www.miramare.com.cy/

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

For further information, please contact the conference organizer, I Vonta:
Department of Mathematics and Statistics, University of Cyprus, CY-1678 Nicosia, CYPRUS
Phone: (357) 22892625; Fax: (357) 22892601; email: biostat2006@ucy.ac.cy

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IMS Mini meeting

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

Organizers: Arnaud Doucet and IMS Rep Raphael Gottardo **e** raph@stat.ubc.ca
http://hajek.stat.ubc.ca/~raph/workshops/ims-mini/ims_workshop.html

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

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

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

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

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

At a glance: forthcoming IMS Annual Meeting dates

2006

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

JSM: Seattle, **August 6-10, 2006**. IMS Program Chair: Chris Genovese; IMS Contributed Paper Chair: Jennifer Hoeting http://www.amstat.org/meetings/jsm/2006/

2007

IMS Annual Meeting @ JSM: Salt Lake City, **July 29–August 2, 2007**

2008

IMS Annual Meeting: Singapore, **July 20–26, 2008**. With VII Bernoulli World Congress.

JSM: Denver, **August 3–7, 2008.**

2009

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

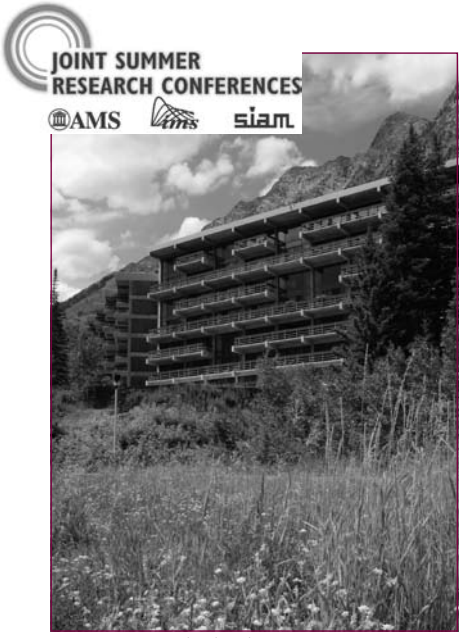
2006 Summer Research Conferences: Snowbird, Utah

2006 Joint AMS-IMS-SIAM Summer Research Conferences
Snowbird Resort, Snowbird, Utah
June 4–29, 2006

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

It is anticipated that the conferences will be partially funded by a grant from the National Science Foundation and perhaps others. Particular encouragement is extended to junior scientists to apply. A special pool of funds expected from grant agencies has been earmarked for this group. Other participants who wish to apply for support funds should so indicate; however, available funds are limited, and individuals who can obtain support from other sources are encouraged to do so.

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



Snowbird Lodge. Credit: Eric Schramm/Snowbird

IMS co-sponsored meeting

Statistical Challenges in Modern Astronomy IV
June 12–15, 2006 (plus associated tutorials, June 6–10 & June 11)
The Penn State University, University Park, PA, USA
w http://astrostatistics.psu.edu/scma4/
IMS Rep: G Jogesh Babu **e** babu@stat.psu.edu

The SCMA conferences, held every five years since 1991, are the premier cross-disciplinary gatherings of statisticians and astronomers to discuss methodological issues arising in astronomical research. Invited talks from each field are intermixed with commentaries by scholars in the other field. Poster contributed papers will be on display throughout the meeting. The schedule will encourage informal interchange between the two communities.

The conference proceedings will be published by the Astronomical Society of the Pacific Conference Series. Full text will also be available online.

Funding for young researchers: Limited funds are available for partial support of participant costs of graduate students and young researchers at U.S. institutions to attend the SCMA IV research conference. Contact Eric Feigelson (edf@astro.psu.edu) by March 1, 2006 to apply for this funding. Please give your full name, institution & educational status; briefly describe your research interests; state whether you intend to present a contributed poster paper at SCMA IV; state whether you are a U.S. citizen or green card holder or not; and outline your travel funding situation.

The registration deadline for all the events is May 1, 2006.

The sessions for SCMA IV (Monday-Thursday, June 12-15) conference include: cosmology (cosmic microwave background, galaxy clustering & spatial statistics, weak & strong gravitational lensing); planetary systems (extrasolar planets detection & characterization, Solar System minor bodies); large survey projects & mega-datasets (Large Synoptic Survey Telescope, Sloan Digital Sky Survey, Virtual Observatory); time series analysis (periodicity detection, pulsating stars, gravitational wave detection); small-N problems in physics and astronomy (Feldman-Cousins upper limits, Poisson images); recent developments in statistics (False Discovery Rate, wavelets & image reconstruction, Bayesian & MCMC methodology, model selection); cross-disciplinary perspectives

There will be a pre-conference software tutorial (Sunday, June 11, 2006) and a Summer School in Statistics for Astronomers & Physicist II (Tuesday-Saturday, June 6-10, 2006). Attendance at the tutorials require separate registration. See page 23 for details.

UPDATED

IMS co-sponsored meeting:

Second Cornell Probability Summer School
June 26 – July 7, 2006
Cornell University, Ithaca, NY

w www.math.cornell.edu/~durrett/CPSS2006/

The 2006 Cornell Probability Summer School will be held June 26–July 7, 2006 at Cornell. The theme is probability problems that arise from genetics. The aim is to introduce probabilists who have no prior experience in this area to research problems in this exciting interface. No knowledge of molecular biology will be assumed. The three main lecturers who will give six lecture series are Warren Ewens (U of Pennsylvania), Bob Griffiths (Oxford), and Simon Tavare (U of Southern California). There will also be one hour lectures by Allison Etheridge, Steve Evans, Steve Krone, Paul Joyce, Jason Schweinsberg, and Vlada Limic. This conference is supported by an NSF grant to the probability group at Cornell. We ask that participants please register on the web page above. Graduate students and young faculty members can apply for support for local expenses. In addition, participants who would like to give a thirty minute talks on a topic related to the conference theme can submit the proposed title of their lecture. People who want support or to give a lecture should submit their information by **March 17, 2006 [new date]**.

PLEASE NOTE: Due a glitch in the Cornell computer system, some registrations submitted around the END OF DECEMBER were lost. If you are uncertain about your registration you can contact rtd1@cornell.edu

IMS co-sponsored meeting:

Workshop on Frontiers of Statistics
May 18–20, 2006
Princeton, NJ

w http://www.orfe.princeton.edu/conferences/frontiers/index.htm

IMS Reps: Jianqing Fan, Luisa Fernholz, Hira Koul

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

Travel support:

There is financial assistance available for graduate student, postdoctoral fellows, and junior scholars to contribute to their expenses such as housing or travel or registration. Download an application form from the website.

IMS co-sponsored meeting:

Frankfurter Stochastik-Tage / German Open Conference on Probability and Statistics
March 14–17, 2006, Goethe-University Frankfurt/Main, Germany

w http://stoch2006.math.uni-frankfurt.de/index_en.html

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

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

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

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

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

IMS co-sponsored meeting:

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

Please note new date and location

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

IMS co-sponsored meeting:

2008 ENAR/IMS Spring Meeting
March 16-19, 2008
Hyatt Regency Crystal City, Arlington, VA

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

IMS sponsored meeting:

2006 WNAR/IMS Western Regional Meeting
June 27-30, 2006, Flagstaff, Arizona

w http://www.math.nau.edu/wnar/

IMS Program Chair: Wolfgang Polonik

(see advert, page 21)

WNAR/IMS 2006 at 7,000 feet!

June 27–30, 2006 Flagstaff, Arizona

www.math.nau.edu/wnar/

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

Short Course, June 27
Statistical Methods for Analysis of Missing Data
XH Andrew Zhou, University of Washington

WNAR Presidential Invited Address:
"(Data) Size Does Matter, but you might be in for a surprise…"
Xiao-Li Meng, Harvard University

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

Activities for New Researchers
Student paper competition

New researchers' luncheon

New researchers' session on longitudinal data analysis

Traveling to Flagstaff
America West offers flights to Flagstaff, or fly to Phoenix and take the shuttle. Amtrak trains serve Flagstaff. Some student travel awards are available.

Join our societies!
WNAR: www.wnar.org
IMS: www.imstat.org

Other Attractions
Conference banquet

Textbook publishers' booths

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

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

And a whole lot more!

NORTHERN ARIZONA UNIVERSITY

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





ENAR/IMS 06: A Carnival of Statistical Science!

2006 ENAR Spring Meeting
Hyatt Regency Tampa, Tampa, Florida, March 26-29, 2006
w http://www.enar.org/meetings.htm

IMS co-program chairs: Michael Kosorok and Jason Fine, University of Wisconsin-Madison (see IMS invited program, right)

The 2006 Spring Meeting of the Eastern North American Region (ENAR) of the International Biometric Society (IBS) with IMS and Sections of the ASA will now be held Sunday, March 26th, through Wednesday, March 29th. The Workshop for Junior Researchers will be held the day before, Saturday, March 25th. The Fostering Diversity Workshop and ENAR Short Courses will be on Sunday, before the opening (evening) poster session and dessert reception.

The preliminary program, which includes the listing of short courses, tutorials, invited sessions and other key information, is available for download at www.enar.org/meetings/

The ENAR program is available for download now at www.enar.org/meetings/

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

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

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

There are also three **joint ENAR/IMS** invited sessions:

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

IMS co-sponsored meeting

15th International Workshop on Matrices and Statistics
13-17/6 2006
Uppsala, Sweden
w www.bt.slu.se/iwms2006/iwms06.html

NEW

IMS co-sponsored meeting

Statistics, Probability and Related Areas
January 2-5, 2007
Cochin, India
w http://www.stat.ohio-state.edu/~hnn/IISA.html

NEW

IMS co-sponsored meeting

International Conference on Frontiers in Statistics -- Biostatistics and Bioinformatics
July 7–8, 2006
Northeast Normal University, Changchun, China
IMS Representative on Program Committees: Samuel Kou
w http://math.nenu.edu.cn/icf

NEW

IMS co-sponsored meeting

Classification Society of North America 2006 Meeting on Network Data Analysis and Data Mining: Applications in Biology, Computer Science, Intrusion Detection, and Other areas
May 10–13, 2006
DIMACS, CoRE Building, Rutgers University, Piscataway, NJ
http://dimacs.rutgers.edu/Workshops/CSNA/
IMS Representative: David Banks

Other Meetings Around the World:
Announcements and Calls for Papers

Summer School for Statistical Challenges in Modern Astronomy IV
June 6–10, 2006
(plus software tutorial, June 11)
The Penn State University, University Park

NEW

w http://astrostatistics.psu.edu/scma4/

Before the Statistical Challenges in Modern Astronomy conference (June 12–15: see page 19), there will be a software tutorial day on Sunday, June 11, and a Summer School in Statistics for Astronomers & Physicists II (June 6-10). Details of both are on the website. Separate registration is required. Enrollment for the summer school is limited: registration will be closed once the enrollment limit is reached.

For information about registration or general inquires contact: *John Farris Conferences & Institutes 225 Penn State Conference Center Hotel University Park PA 16802* Phone: 1-814-863-5105 Email: JLF30@psu.edu. For issues concerning the scientific program contact: *Eric D. Feigelson, Associate Director of Center for Astrostatistics, Department of Astronomy and Astrophysics, 525 Davey Laboratory, Pennsylvania State University, University Park, PA 16802*. Phone: 1-814-865-0162 FAX: 1-814-863-3399, Email: edf@astro.psu.edu or *G. Jogesh Babu, Director of Center for Astrostatistics, Department of Statistics, 326 Thomas Building, Pennsylvania State University, University Park, PA 16802*. Email: babu@stat.psu.edu

Markov Processes and Related Topics
A conference in honor of Tom Kurtz on his 65th birthday
July 10–13, 2006
University of Wisconsin–Madison

NEW

w http://www.math.utah.edu/~ethier/kurtzfest.html


Tom Kurtz

Topics will include: general theory of Markov processes; limit theorems for Markov processes; stochastic equations in finite and infinite dimensions; stochastic control and filtering; queueing theory; mathematical finance; applications of Markov processes

The invited speakers are listed on the website. The conference will be a mixture of invited talks (45 minutes) and contributed talks (15 minutes). Those who would like to contribute are requested to submit a title and abstract to one of the organizers by April 10.

Organizing Committee: Stew Ethier, ethier@math.utah.edu; Jin Feng, feng@math.umass.edu; Dick Stockbridge, stockbri@uwm.edu

Schedule: The conference will run from Monday morning to Thursday afternoon inclusive, and a banquet is planned for Thursday evening.

Please check the website for updates and accommodation information.

SCRA 2006-FIM XIII: Thirteenth International Conference of the Forum for Interdisciplinary Mathematics on Interdisciplinary Mathematical and Statistical Techniques
September 1–4, 2006
New University of Lisbon and Polytechnic Institute of Tomar, Portugal

NEW

w http://scra2006.southalabama.edu/

Contact: Sat Gupta (sngupta@uncg.edu), Carlos Coelho (cmac@fct.unl.pt) or Satya Mishra (mishra@jaguar1.usouthal.edu).

The Forum for Interdisciplinary Mathematics, the Department of Mathematics, New University of Lisbon and the Polytechnic Institute of Tomar, Portugal, are co-organizing a four-day International Conference in Lisbon, Portugal.

This year's conference theme is *Interdisciplinary Mathematical and Statistical Techniques*. Topics include: Actuarial and Financial Mathematics, Statistics and Applications, Biostatistics, Combinatorics, Computer and Information Sciences, Differential Equations, Distribution Theory and Near Exact Distributions, Environmental Statistics, Experimental Designs, Extreme Values, Forest Mensuration Modeling, Forest Economics, Graph Theory, Linear Statistical Inference, Mathematical Economics, Mathematics, Multivariate Statistics, Nonparametric Statistical Inference, Operations Research, Probability/Stochastic Processes, Public Health, Quality Control, Reliability and Life Testing, Sampling, Semi Groups, and partner areas. Those wishing to contribute outside these areas are welcome to submit their abstracts. Suggestions for further topics and proposals to organise a symposium should be sent to the organizers.

The conference will feature separately a student paper competition, and also an Editors' Round Table, to help scholars appreciate the current trends and techniques of scholarly publications.

Workshop on Algorithms for Modern Massive Data Sets
June 21-24, 2006, Stanford University, CA

NEW

w http://forum.stanford.edu/events/workshop/mmds/

Objective: Explore novel techniques for modeling and analyzing massive, high-dimensional, and nonlinear-structured data. Bring together computer scientists, computational and applied mathematicians, statisticians, and practitioners to promote cross-fertilization of ideas.

Theory: Large scale numerical linear algebra; kernal-based nonlinear structure extraction; tensor-based multilinear structure extraction; missing value estimation; sampling-based algorithms.

Applications: Analyzing microarray data and high-throughput chemical data in pharmaceutical applications; identifying gene products, elucidating protein folding pathways; detecting and classifying cancer; modeling combinational structure of large social, computer, and communication networks; identifying potential terrorist cells in communication networks; identifying noisy targets and faces in realistic settings; improving internet search engines; analyzing remote sensing data for environmental planning, weather forecasting, and public health contamination.

Organizers: Gene Golub, Michael Mahoney, Petros Drineas, Lek-Heng Lim lekheng@cs.stanford.edu

Third Workshop on Statistical Analysis of Neuronal Data (SAND3)
May 12–13, 2006
Carnegie Mellon University, Pittsburgh, PA

NEW

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

SAND3 will take place May 12-13, 2006, at Carnegie Mellon University, preceded by a pair of short courses on May 11, in conjunction with the workshop.

Some travel funds are likely to be available. Participants are encouraged to present posters, and submit papers, reporting research involving new methodology, investigation of existing methods, or application of state-of-the-art analytical techniques.

We expect papers to be published in a special issue of *Statistics in Medicine*. The short courses on May 11 will be "An overview of statistical methods for neuroscience" (morning) and "Problems in neurophysiology, for quantitative analysts" (afternoon).

Confirmed speakers and participants are listed at the website above.

The organizers are Emery Brown, Elizabeth Buffalo, Apostolos Georgopoulos, Rob Kass, Jonathan Victor, and Bin Yu.

Seymour Sherman Lecture and Conference: Probability and Statistical Physics
April 21-23, 2006
Indiana University, Bloomington

NEW

w http://mypage.iu.edu/~rdlyons/other/sherman.html

Sherman Lecturer: Tom Liggett (UCLA)

2006 Sherman Lecturer, Tom Liggett

Conference Speakers: Omer Angel (UBC); Noam Berger (UCLA); Sourav Chatterjee (UCB); Julien Dubédat (NYU); Sharad Goel (Stanford); Dan Romik (UCB); Scott Sheffield (NYU); Dapeng Zhan (UCB)

Support will be provided for a limited number of graduate students: appy by March 1.

Workshop on Probabilistic Symmetries and Their Applications
May 15–17 2006
Fields Institute / University of Ottawa / Centre de Recherches Mathématiques

NEW

w http://www.mathstat.uottawa.ca/~givanoff/workshop.htm

Organizers: Gail Ivanoff and Raluca Balan

This workshop will focus on the theory and applications of probabilistic symmetries. We are privileged to have a distinguished group of international speakers who will give both introductory and advanced talks, making the workshop accessible to all. It will be of great interest to a wide range of researchers in probability theory and statistics.

Main Speaker: Olav Kallenberg (Auburn University, Alabama), author of *Probabilistic Symmetries and Invariance Principles* (Springer, 2005).

The presentations on the first day will be tutorial-style to provide students and non-experts with the necessary background for the more advanced talks on the following days. Talks will range from theoretical foundations (highlighting the deep and beautiful mathematical representations and connections between the various concepts) to applications (including Bayesian statistics, U-statistics, empirical processes, population genetics).

Graduate students are encouraged to participate, and may apply for financial support.

Multivariate Methods in the 21st Century An International Conference to mark the birth centenary of Professor S N Roy and his legacy in Statistics
December 28–29, 2006
Calcutta, India

NEW

For further details and submission of abstracts contact the Co-organizers: Barry C. Arnold barry.arnold@ucr.edu or Ashis SenGupta ashis@isical.ac.in or ashis@stat.ucr.edu

Last date for submission of abstracts for contributed papers: September 30, 2006

Computational and Statistical Aspects of Microarray Analysis (IV)
June 18-23 2006, Bressanone-Brixen, Italy

NEW

w http://www.economia.unimi.it/marray

This five-day lecture series provides an introduction to genomic data and their interpretation. The main focus will be on microarray experiments, covering statistical topics such as preprocessing, normalization, quality assessment, gene identification, machine learning and inference for graphs and networks. Applications of these methods to proteomics and other high throughput technologies will also be covered. Computer laboratory material will be available for self-study.

Participants should have some minimal background on biological, statistical and computational aspects of microarrays, or other high-throughput data. Participants interested in hands-on, interactive activities should consider signing up for the lecture and laboratory series (space is very limited). These require a basic knowledge of the R or S language. An introductory R course will be given.

The maximum number of participants is 60. Participants will receive a copy of the book *Bioinformatics and Computational Biology Solutions Using R and Bioconductor*, Gentleman et al., 2005. There are 40 additional places for auditors (lectures only).

For further information, registration and topics please contact stefano.iacus@unimi.it

Asymptotics: particles, processes and inverse problems
On the occasion of the 65th birthday of Piet Groeneboom
July 10–14, 2006, Leiden, The Netherlands

NEW

http://www.lorentzcenter.nl/lc/web/2006/20060710/info.php3?wsid=189

In probability theory, stochastic processes have been studied extensively from a theoretical point of view. Some of the most beautiful mathematical theorems have been obtained in this field. Stochastic processes have also proved to be important as models and as tools in many areas of application, including bio statistics, biology, physics and finance.

The asymptotic study of non-parametric models in statistical inverse problems involves complex and interesting stochastic processes. The resulting theory enables researchers from application fields such as econometrics and biomedical research to use models that work under less restrictive assumptions than classical parametric models, assumptions that are often difficult to justify in practice.

This workshop brings together international experts in different areas of statistics and probability theory, whose work is in the area of stochastic processes. The workshop aims to stimulate new research and to offer (young) Dutch researchers in this field an opportunity to discuss ideas and be inspired by internationally renowned researchers. We hope that this workshop will lead to new collaborations, ideas, and results.

Statistik unter einem Dach / Statistics under one roof
27-30 March 2007
Bielfeld, Germany

NEW

w http://www.statistik2007.de/enhome/index.html

First joint conference of German Statisticians organized by DAGStat - Deutsche Arbeitsgemeinschaft Statistik/German Statistical Working Group. The DAGStat is a collaborative project among five larger statistical societies in Germany (see the website for details).

The first joint statistical conference orgainzed by DAGStat brings together academics and professionals from different areas of statistics, providing a platform for interdisciplinary research and exchange.

Major themes in 2007 are Statistical Methods of Bioinformatics, Survival Analysis, Time Series, Graphical Models, Analysis of Panel Data, Analysis of Space-Time Data, and much more.

Confirmed invited speakers are: Raymond J. Carroll, Lon Cardon, Ralf Korn, Helmut Lütkepohl, Johann Pfanzagl.

Email: dagstat2007@uni-bielefeld.de

Languages: German and English

Two-day workshop on Matrix Theory and Computations for research in social and physical sciences
July 27–28, 2006
Penn State University, University Park, PA

NEW

w http://www.stat.psu.edu/news/conferences/MatrixTheory_July2006.pdf

The workshop will be held in the Department of Statistics, 326 Thomas Building, Penn State University, University Park, PA 16802, USA. The purpose of the workshop is to foster the interaction of research workers in matrix theory and computations and researchers in social and physical sciences who use them. The workshop will include both invited and contributed talks.

Invited Speakers: G.H. Golub, Fletcher Jones Professor of Computer Science, Stanford University, Krishnaiah Visiting Scholar, 2006; T. Kailath, Hitachi America Professor of Engineering, Emeritus, Stanford University, Khatri Visiting Scholar, 2006; J. Hunter, Professor of Statistics, Massey University, New Zealand.

Call for Papers: In addition to plenary talks by invited speakers, the workshop will have sessions on contributed presentations. If you wish to present a talk, please submit the title and abstract along with your registration form to the Conference Secretary by April 30, 2006. All abstracts should be no more than 300 words.

Please see the website above for additional information on the workshop including registration form and hotel information.

NEW

SPATIAL

Spatial Data Methods for Enviromental and Ecological Processes

14/15 September 2006

Baia delle Zagare - Foggia - ITALY

The Workshop is an interdisciplinary conference (with statisticians, agronomists, biologists, ecologists etc.) fostering the exchange of experience among researchers working on spatial problems and the use of spatial statistics in real world problems.

Organization

The Workshop will be organized in plenary sessions with general interest contributions and invited speakers, parallel sessions of specific interest and a poster session.

Deadlines

February 28	Title submission (oral presentations and posters)
March 15	Notification of title acceptance
May 31	Abstract submission for oral presentation papers (max 4 pages)
June 30	Reviews sent to authors
October 30	Final submission of the selected papers (max 12 pages)

Workshop registration

For registration use the online workshop registration form: www.unifg.it/spatial

List of topics

1. Groundwater pollution and hydrogeology
2. Hydrology
3. Soil science, site remediation, industrial sites
4. Environmental risk assessment
5. Climatology and meteorology
6. Ecology, conservation and natural resources management
7. Agriculture
8. Sampling design for natural studies
9. Remote and proximal sensing
10. Disease mapping
11. Environmental official statistics
12. Geostatistics
13. Spatial data analysis and software
14. Mixed effects models
15. GIS

For Authors

The posters and papers length is limited to 12 pages and will be published in "Spatial Data Methods for Environmental and Ecological Processes - Proceedings" All the papers must be written with MS-Word or Latex and respect the publisher instructions published in: www.unifg.it/spatial.
Paper submission should be done via the web workshop account: www.unifg.it/spatial

Oral presentations

The allotted time is 15 minutes for oral presentations and 5 minutes for discussion. Overhead and/or MS-PowerPoint/pdf presentation facilities will be available. Presentation files, compatible with Microsoft's Windows 2000 and Office 2000, will have to be made available on a CD-ROM or on a pen drive and can be sent by email in advance to spatial@unifg.it.

Poster presentations

The poster should include an introduction, objectives, materials and methods, results, discussion, conclusions and literature.
The poster should be easily readable from a distance of 1 meter away.
Maximum poster size is 100 cm height by 70 cm width
Minimum font sizes:
Title: 50pt
Authors/addresses: 42 pt
Section Headings: 42 pt
Text: 22 pt
Authors are expected to be beside their posters during their assigned poster session reception. Poster area will be always accessible during the workshop time.

Scientific Committee

Barbara Cafarelli, Annamaria Castrignano', Daniela Cocchi (President), Mauro Coli, Corrado Crocetta, Lorenzo Fattorini, Alan Gelfand, Andrea Giommi, Giovanni Girone, Tomislav Hengl, Gerard B.M. Heuvelink, Giovanna Jona Lasinio, Silvestro Montrone, Antonio Muscio, Marcello Pagliai, Guido Pasquariello, Alessandra Petrucci, Alessio Pollice, Donato Posa, Filippo Reganati, Emanuele Tarantino, Isabella Varraso, Hans Wackernagel

Organizing Committee

Barbara Cafarelli (President), Francesco Campobasso, Annamaria Castrignano', Fiammetta Fanizza, Giovanna Jona Lasinio, Massimo Monteleone, Alessio Pollice, Massimo Alfonso Russo

Location

The workshop will be held in Foggia, in Aula Magna of Economy Faculty and in Baia delle Zagare Hotel (Loc. Baia dei Mergoli, Mattinata - FG), Puglia, Italy.
A shuttle bus service will guarantee the transfer from Foggia to the Hotel "Baia delle Zagare" and viceversa.

Hotel registration

Accomodation (prices, per day, including room, breakfast, lunch and dinner)

single room	€ 116
double room	€ 94

You can book a room by downloading the pdf file from www.unifg.it/spatial and returning it by fax to +39.(0)881.561175 or by e-mail to laviaggeria1@virgilio.it

Registration Fees

The registration fees include admission to the workshop, the book of proceedings and transfer from Foggia to Baia delle Zagare (FG).

	Early registration (before July 5)	Late registration (after July 5)
Workshop fees	€ 50	€ 150

Secretariat

Spatial Data Methods
for Enviromental and Ecological Processes

Fax: +39. (0)881.775616
www.unifg.it/spatial
e-mail:spatial@unifg.it

Employment Opportunities around the world

Directory of Advertisements

USA: California

University of California, Irvine

Biostatistician with computer science experience. A full-time position in an NIH-sponsored consortium study of prostate cancer focused on the evaluation of predictive signatures of prostate cancer is required for development of an existing clinical database, development of a multi-processor computer and assist in the major effort of the project, a carrying out bioinformatics analyses of array-generated data sets using standard and home developed strategies. The successful applicant will work with one other biostatistician and colleagues of five participating institutes. Salary and title in academic series commiserate with experience. Dan Mercola, University of California at Irvine, dmercola@uci.edu. UCI is an EOE.

USA: Iowa

GRINNELL COLLEGE DEPARTMENT OF MATHEMATICS
1-YEAR LEAVE REPLACEMENT POSITION - STATISTICS

1-year leave replacement position in MATHEMATICS with Statistics as area of specialization. Assistant Professor (Ph.D.) preferred; Instructor (ABD) possible. The standard teaching requirement is 5 semester-long courses for the years. A PhD in statistics, biostatistics, or a related field is desired. Candidates will be expected to demonstrate excellence in teaching. In letters of application, candidates should discuss their interest in developing as a teacher and scholar in an undergraduate, liberal-arts environment that emphasizes close student-faculty interaction and values diversity. To be assured of full consideration, all application materials should be received by March 1, 2006, but search will continue until position is filled.

Send AMS cover sheet, curriculum vitae, undergraduate and graduate transcripts (copies acceptable) and three letters of recommendation to

Professor Royce Wolf, Chair of Search Committee (STATS),
Department of Mathematics, Grinnell College, Grinnell, IA 50112-1690
[Stats-Search@math.grinnell.edu] (641)-269-3169; Fax (641)269-4984.

Grinnell College is an equal opportunity/affirmative action employer committed to attracting and retaining highly qualified individuals who collectively reflect the diversity of the nation. No applicant shall be discriminated against on the basis of race, national or ethnic origin, age, gender, sexual orientation, marital status, religion, creed, or disability. For further information about Grinnell College, see our website at www.grinnell.edu

USA: New Jersey

Rutgers University

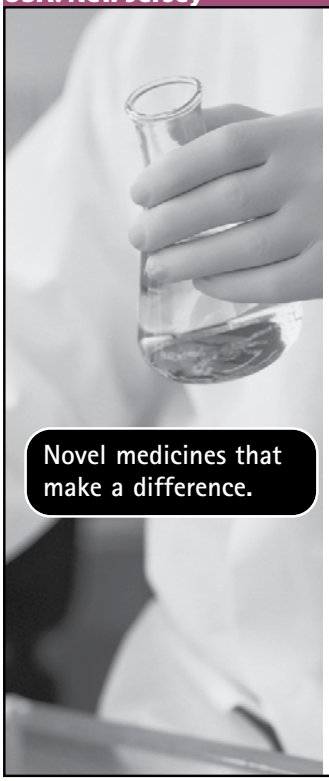
Rutgers University, Department of Statistics invites applications for one, and possibly two, tenured or tenure track positions at any level, starting from January or August 2006, contingent on availability of funding.

For junior level candidates, evidence of actual or potential excellence in research and teaching are required. For a senior level candidate, a national or international reputation of excellence is required. Send CV, and three letters of recommendation to:

Chair, Search Committee,
Department of Statistics, Rutgers University,
Hill Center, Busch Campus,
110 Frelinghuysen Ave, Piscataway, NJ.08854-8019.

Rutgers University is an equal opportunity employer.

USA: New Jersey



Associate Director, Scientific Staff – Statistics
Rahway, NJ

At Merck, our mission is to discover, develop and deliver breakthrough medicines and vaccines to people around the world. Our mission also entails something more - a commitment to the health, safety and well-being of the people who take our medicines, and also to our employees, neighbors and others in the global communities where we live and work. By joining Merck, you will share in this commitment that embraces our core values.

The incumbent, with minimal guidance, is primarily responsible for planning and executing advanced studies toward objectives assigned or approved by Research Management, the execution of which may require providing technical direction to a small staff of professionals. Carries out research endeavors by concentrating in a technical or scientific specialty leading to recognition within the company or the profession on the basis of professional competence. Exercises a high degree of sophistication in research and in the approach to problems encountered.

Qualifications: Phd degree in Statistics or related field; or equivalent, and relevant work experience. Expertise in Bayesian Methods and Decision Science a plus. Creative thinking, the development of original concepts, and unusual resourcefulness are essential for performance at this level. Will have achieved a reputation for creative research in his/her own field. Excellent communication and organizational skills are required.

Our commitment to our employees resonates in the benefits we offer including competitive compensation, tuition reimbursement, work-life balance initiatives, on-site child care at many of our locations and opportunities for personal and professional enrichment. Join us and become a part of our commitment and our legacy which continues to deliver novel medicines to the people that need them the most.

To be considered for this position, please visit our career site at **www.merck.com/careers** to create a profile and submit your CV for **STA000205**. No agencies or phone calls, please.

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USA: New York

Columbia University

The Department of Statistics at Columbia University invites applications for Assistant Professor positions for Fall 2006.

These non-tenure track appointments have a course-load of three courses per year, and provide opportunities to take part in interdisciplinary projects and to join research working groups within the Department.

A Ph.D. and a record indicating a potential for excellence in teaching is required. Experience in applied statistics is viewed very favorably.

Applicants should send a CV, three letters of recommendation, and a statement to:

Search Committee
c/o Daniel Rabinowitz
Department of Statistics, Room 1005
Columbia University
1255 Amsterdam Ave., MC 4690
New York, NY 10027

Review of applications will begin on January 15, 2006 and continue until the position is filled.

Columbia University is an Affirmative Action/Equal Opportunity Employer. Women and Minority are encouraged to apply.

USA: Pennsylvania, and Qatar

Carnegie Mellon Qatar Campus
Statistics Lecturer/Instructor Position

جامعة كارنيجي ميلون قطر
Carnegie Mellon
QATAR CAMPUS

Carnegie Mellon University established a branch campus in Qatar in the fall of 2004. We are offering BS degrees in Computer Science and Business to an international student body. The university invites applications for a position as lecturer or instructor to teach in Pittsburgh Fall 2006/Spring 2007 and then in Qatar beginning Fall 2007.

We are looking for an outstanding educator, interested in working closely with undergraduate students. Candidates should have a Ph. D. in Statistics or related field and an independent research record or potential.

Relevant areas of expertise and interest are computer science, business, and finance. Exceptional candidates in other areas will also be considered.

The position offers competitive salaries, overseas assignment, travel and housing allowances and other benefits packages, as well as an attractive research support.

Interested candidates should send their resume, statement of teaching interest and research, and have three reference letters sent to:

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

IMS Treasurer: Annual Report

INTRODUCTION

This report details membership and subscription data for calendar year end 2005. In addition, it reviews the FY2005 (July 1, 2004 – June 30, 2005) financial statements. I am proud to announce, for the sixth year in a row the IMS experienced another increase in total membership. We have many members taking advantage of the new membership options that have been introduced over the last five years. For 2006, we have added a new joint IMS/ISI/Bernoulli Society membership which allows members to receive 25% off membership when they join each society.

Several years ago, the IMS Executive Committee and Council decided to invest more funds back into our membership. Several programs reflect this new philosophy including:

- open access ArXiv placement of all IMS articles;
- free student membership and print journal;
- reduced dues for new graduates;
- gratis electronic access to all journals past and present for all members;
- discounts for on-time renewal;
- child care for those attending the IMS Annual Meeting; and
- travel awards for students and new graduates.

The financial status of the Institute continues to be strong and stable. Details of the events of the past year, membership and subscription data, sales data and a detailed analysis of the financial statement for FY 2005 are given below.

Dues and Subscriptions Office

The IMS continues our agreement with the Federation for Societies in Experimental Biology (FASEB) to continue handling all dues and subscription processing. The IMS relationship with FASEB has been in place since 2000. We have found increased efficiencies and economies of scale that allow us to invest more funds toward membership benefits rather than administration.

Societal Office

Elyse Gustafson is in her ninth year as our Executive Director. She continues to handle all societal issues from her office in Cleveland, Ohio. Elyse will provide a full report on activities from her office in an upcoming *IMS Bulletin*. Please be sure to read it.

Publications and Web

Journals: IMS journals are the core of our mission. The *Annals* continue to be top tier in the field. In 2004, the IMS began placing all IMS articles on the open access ArXiv (see http://www.imstat.org/publications/arxiv.html for more information).

IMS Journal Editors: Welcome to Ed Waymire, Editor, *Annals of Applied Probability*, and Greg Lawler, *Annals of Probability*. We owe special thanks to Robert Adler and Steve Lalley who have completed their terms and have served the IMS with great dedication.

Electronic Access: All IMS members receive electronic access to all IMS journals (1996 to date) through Project Euclid. In addition, members whose organizations do not subscribe to JSTOR can receive individual access to all IMS journals (1930-2001) via JSTOR. For more information see http://www.imstat.org/publications/eaccess.htm. Journals on Project Euclid older than 3 years are fully open to the public.

IMS Electronic Journals: The IMS currently sponsors three open access electronic journals, *Electronic Journal of Probability*, *Electronic Communications in Probability* and *Probability Surveys*. All three journals can be accessed via the IMS web page http://www.imstat.org. We welcome the new editors for *EJP* and *ECP*, Andreas Greven and David Nualart, respectively.

IMS *Lecture Notes - Monograph Series* and *NSF-CBMS Regional Conference Series*: Since my last report there have not been any new volumes in either of these series. We expect at least one LNMS volume in 2006.

IMS Meetings and Awards.

During FY 2005, the IMS granted a total of $25,470 to support students and new graduates and those in developing countries. $21,041 was granted to 2005 Laha Travel Award Recipients and $4,429 was granted to support lecturers for the IMS Visiting Lecturer in Statistics Program.

MEMBERSHIP DATA

Total membership in the Institute as of December 31, 2005 was up 6.7% from December 31, 2004. Table 1 (overleaf) presents the distribution of memberships by category for the last several years. Individual membership decreased as life membership increased accounting for 72 members opting to upgrade to life membership.

Breakdown of Member Categories: Among the individual members for 2005, a total of 50 are Gift members (31 last year), 41 are joint members (40 last year), 219 are retired (225 last year) and 166 are reduced rates (175 last year) and the remaining 2,206 are regular members (2,275 last year). Within the Life membership category, 50 are retired life members (31 last year) and 155 are regular life members (102 last year).

Geographic Distribution of Members: The IMS membership is currently distributed as such, 64% USA, 17% Europe, 6% East Asia, 5% Canada, 2% West and Central Asia, 2% Australia and New Zealand, 1% South America, 1% Middle East, 1% Central America and the Caribbean, and 1% Africa.

Continued on Page 30

Selection of Journals by Members: Print subscriptions by members were up in 2005; this can be attributed to the program instituted in 2004 providing one free print journal to all students. The increases are attributed to students, whereas individual members are opting to decrease print subscriptions while enjoying free electronic access to all journals. See Table 2.

Revenue from all Institute member dues and journal subscriptions amounted to $355,253 for the fiscal year ending June 30, 2005, down slightly from $357,657 in FY 2004. This is attributed to decreased print subscriptions.

NON-MEMBER SUBSCRIPTION DATA

Table 3 presents comparative subscription data for non-members to each of our scientific journals for 2005 and previous years. All journals experienced decreases in print subscriptions in 2005, while electronic subscriptions continue up.

Revenue from all non-member subscriptions was $713,767 for the fiscal year ending June 30, 2005, up from $655,159 for the FY 2004. The increase is due to increased subscription rates for 2005.

Approximately 60% of the non-member subscribers to IMS journals are in USA and Canada, with the remaining subscribers distributed throughout the world.

TABLE 1

Distribution of Memberships by Category: Calendar Year Data (Jan-Dec)

	1998	1999	2000	2001	2002	2003	2004	2005	% change
Individual	3097	2898	2777	2820	2758	2744	2746	2682	-2.33%
Life	11	11	10	8	51	115	133	205	54.14%
New Graduate	n/a	n/a	n/a	93	131	122	165	187	13.33%
Student	182	228	478	395	496	707	971	1224	26.06%
Organizational	98	100	96	94	98	102	107	100	-6.54%
Total	3388	3237	3361	3410	3534	3790	4122	4398	6.70%

TABLE 2

Distribution of Print/Electronic Journal Selections by Members: Calendar Year Data (Jan-Dec)

PRINT	1998	1999	2000	2001	2002	2003	2004	2005	% change
AAP	1,048	911	911	902	865	844	800	870	8.75%
AOP	1,139	1,007	918	952	918	910	907	877	-3.31%
AOS	2,107	1,950	1,904	1,992	1,949	1,917	1,987	2,053	3.32%
STS	2,691	2,672	2,661	2,707	2,778	2,846	2,750	2,765	0.55%
Total Print	6,985	6,540	6,394	6,553	6,510	6,517	6,444	6,565	1.88%
ELECTRONIC									
AAP	n/a	n/a	n/a	n/a	363	715	820	889	8.41%
AOP	n/a	n/a	n/a	n/a	411	693	791	902	14.03%
AOS	n/a	n/a	n/a	n/a	482	943	1,112	1,262	13.49%
STS	n/a	n/a	n/a	n/a	295	877	1,023	1,168	14.17%
Total Electronic	n/a	n/a	n/a	n/a	1,551	3,228	3,746	4,221	12.68%

TABLE 3

Distribution of Print/Electronic Journal Selections by Non-Member Subscribers: Calendar Year Data (Jan-Dec)

PRINT	1998	1999	2000	2001	2002	2003	2004	2005	% change
AAP	777	799	779	680	690	716	675	659	-2.37%
AOP	1,148	1,127	1,121	983	1,001	1,034	1,001	974	-2.70%
AOS	1,512	1,481	1,454	1,305	1,320	1,342	1,268	1,233	-2.76%
STS	1,180	1,156	1,258	1,068	1,041	1,064	976	949	-2.77%
Bull	249	284	320	259	267	229	222	207	-6.76%
Total Print	4,866	4,847	4,932	4,295	4,319	4,385	4,142	4,022	-2.90%
ELECTRONIC									
AAP	n/a	n/a	n/a	n/a	n/a	363	480	514	7.08%
AOP	n/a	n/a	n/a	n/a	n/a	520	684	713	4.24%
AOS	n/a	n/a	n/a	n/a	n/a	593	800	857	7.13%
STS	n/a	n/a	n/a	n/a	n/a	459	635	677	6.61%
Total Electronic	n/a	n/a	n/a	n/a	n/a	1,935	2,599	2,761	6.23%

SALES DATA

There were was one new volume in the *NSF-CBMS Regional Conference Series in Probability and Statistics* in FY 2005. In FY 2005, total revenue from this Series was $7,527, stable compared to $7,599 in FY 2004. Table 4 (right) shows summary sales data for the *NSF-CBMS Regional Conference Series*.

TABLE 4:
Sales from the *NSF-CBMS Regional Conference Series,* and *Lecture Notes – Monograph Series* total sales [Fiscal Year Data (July 1-June 30)]

Volume & Short Title	Published	to 2000	2001	2002	2003	2004	2005	TOTAL
1: Group Invariance	1989	854	11	11	7	19	6	908
2: Empirical Pro	1990	1,033	34	41	32	64	21	1,225
3: Stochastic Curve	1991	620	8	19	10	10	7	674
4: Higher Order	1994	412	17	15	24	26	11	505
5: Mixture Models	1995	713	108	40	53	76	30	1,020
6: Genetic Data	2000		306	194	136	75	28	739
7: Linear Mixed Models	2003				45	124	70	239
8: Longitudinal	2004						155	155
Total NSF-CBMS sales (8 volumes)		**3,632**	**484**	**320**	**307**	**394**	**328**	**5,465**
Total LNMS sales (47 volumes)		**21,964**	**679**	**832**	**910**	**887**	**603**	**25,875**

Three new volumes in the *Lecture Notes–Monograph Series* were published in FY 2005. The bottom row of Table 4 presents total sales data for Volumes 1-47 of this Series. Total revenue from the Series decreased to $24,303 in FY 2005 from $30,540 in FY 2004.

FINANCIAL OVERVIEW

This is a detailed analysis of the Financial Statement for FY 2005, which is presented in this issue of the *IMS Bulletin*, following this Treasurer's Report (pages 32–5). Comparisons are always with FY 2004. The overall picture of the financial status of the Institute is strong and stable. Per the auditor's report, in FY 2005 we experienced an increase in total assets of $66,954. The increase is due to the increase in life members and increase in value of joint ventures. The IMS experienced a decrease in unrestricted net assets of $115,611. The following will explain the reasons for the decrease. The IMS has strong reserves and it has been the goal of the Council to put our revenues back into services to the membership and the community. This was done on such programs as travel grants, free electronic access, pre-print posting of articles, early renewal discounts, free student members, free journals for students, reduced dues for new researchers and more. The Statement of Activities shows an increase in total revenue and in total expenses compared with FY 2004. Total revenues are lower than expenses showing a net loss.

Revenue

Membership dues and subscription revenues were adjusted, as in the past, to pro-rate calendar year revenues to fit with the Institute's fiscal year reporting. Revenues from membership dues and subscriptions are stable as compared to FY 2004. Revenues from non-member subscribers are up due to increases in subscription rates. The contributions listed in FY 2004 and FY 2005 represent donations made to the Tweedie Memorial Fund. Sales of back issues are down from FY 2004 as we now only sell three years back to decrease storage expenses. Page charges are up. Due to the voluntary nature of the contributions, the levels received tend to fluctuate. Revenue from sales of *Lecture-Notes Monograph Series* was down as only three volumes were released in the fiscal year and general sales are down. Revenue from sales of *NSF-CBMS Series* were stable. Meeting income increased as we did not handle funds for any meetings. Advertising revenues were up due to the *Bulletin* switching from six issues annually to ten. Offprints, royalty and other category is up as royalties from IMS's interest in JSTOR increased and IMS received income from *CIS* in FY05. Net earnings of joint publication ventures (*Current Index to Statistics* and the *Journal of Computational and Graphical Statistics*) show a slight increase in FY 2005. The publications' management committees have been working to address the issues facing the publications. The unrealized loss on investments is merely a line item, which shows prepaid interest and is not an actual loss or gain on investments. That amount should be totaled with the Investment Income line item to get a complete understanding of our gain on investments in FY 2005. Investment income is up in FY 2005 as interest rates are once again on the rise.

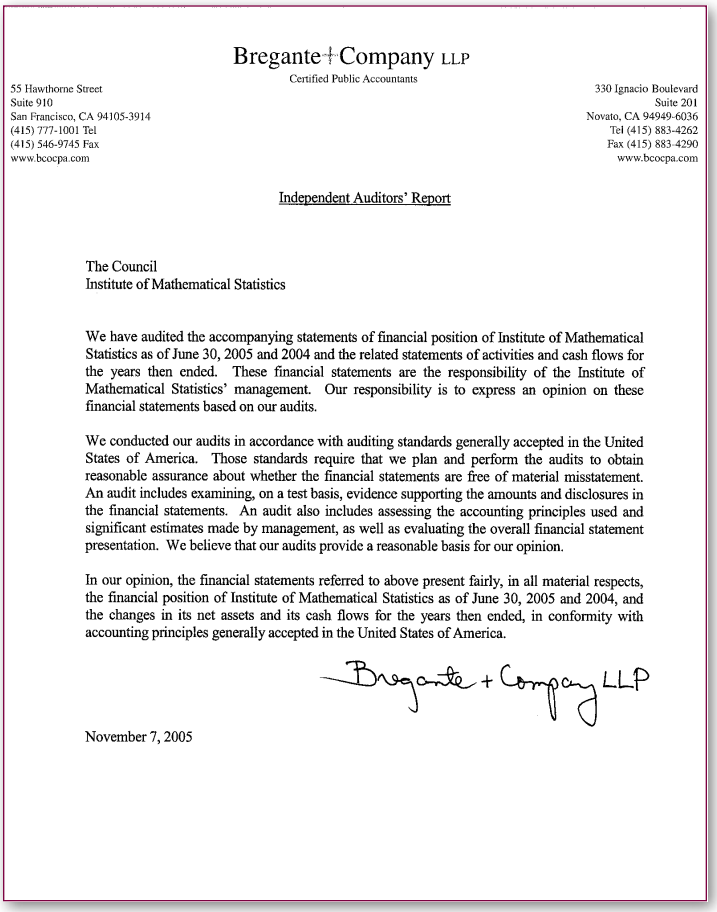
Expenses

The IMS makes a distinction between Program and General Administrative expenses in its audited reports. This is appropriate reporting for a non-profit organization and gives members a better idea of how much is being spent on actual programming (journals, meetings, etc) versus what is spent purely on administration of the Institute. I am happy to report that 95.5% (up from 95.0% last year) of your dues dollars goes directly into the program functions of the IMS.

Discussion of Note G: Here you will see the allocation for expenses for Program and General Administrative. Production and Editorial expenses will be discussed below in the "Discussion of Note H."

The management fee shows the expenses paid to FASEB for their dues, subscriptions and web services and is up for FY 2005 as we begin using more services from FASEB, including mailings, web hosting, email hosting and web services. Salaries are up in FY 2005 reflecting wage increases and the use of temporary staff as needed. Mailing and shipping at the press is up from FY 2004, as postage rates increased, total pages and issues of journals increased. Scientific meeting expenses are up from FY 2004 as more travel grants were provided in FY2005. Business meeting expenses were up due to the need for travel by executive committee members to Europe and Singapore. Rent and utilities are steady. Contributions to other societies is up slightly. Postage and printing are down from FY 2004, as fewer renewals had to be sent out as people renewed on time due to discounts, and agent subscription orders were batched for shipment. Computer equipment and software was up as new equipment was needed. Professional fees were up as more legal input was needed. Insurance fees are stabilizing after a few years of increases. Storage fees were up as we had more journals in storage. This number should decrease next year as fewer back issues are being kept on hand. Supplies are steady. Telephone is up. Membership drives and publicity is down as one marketing item expected for FY05 did not go out until FY06. Office expense includes bank fees and other miscellaneous expenses.

Discussion of Note H: Production expenses for *Annals of Statistics*, *Annals of Applied Probability* and *Statistical Science* were all up due to increases in pages or issues during FY 2005. *Annals of Probability* is stable. *LNMS* expense is stable. The *NSF-CBMS Series* had reprint expenses in FY 2005. Electronic operations for all expenses include fees for placement of our hosting of our journals on Project Euclid and metadata generation: there is an increase as one new journal, *Probability Surveys*, was added in FY 2005. Editorial expenses for the *Annals of Applied Probability* and *Annals of Probability* are stable. *Statistical Science* is down as it has been moved to a Central Editorial System, as the other journals will be as editors change. The *Annals of Statistics* is up as both a bill from previous editors came in FY 2005 although the editors had completed work more than one year prior. All editors are within their budgets for the length of their term. The *IMS Bulletin* editor is up due to moving from six issues to ten annually. Managing and production editorial expenses are up due to inflation and increased services due to increased total pages. The Web editor expenses are down as fewer services were utilized in FY 2005.



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Independent Auditors' Report

The Council
Institute of Mathematical Statistics

We have audited the accompanying statements of financial position of Institute of Mathematical Statistics as of June 30, 2005 and 2004 and the related statements of activities and cash flows for the years then ended. These financial statements are the responsibility of the Institute of Mathematical Statistics' management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Institute of Mathematical Statistics as of June 30, 2005 and 2004, and the changes in its net assets and its cash flows for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Bregante + Company LLP

November 7, 2005

Recommendation

This year we recommended an institutional subscription rate increase of ~10% for 2006. Dues and journal rates for members remain the same for 2006. Members were given a 20% discount off dues if they renewed by December 31.

The 2005–2006 Council approved these recommendations at the Annual Meeting in August 2005 in Minneapolis.

Jiayang Sun, Treasurer
January 2006

INSTITUTE OF MATHEMATICAL STATISTICS

STATEMENTS OF FINANCIAL POSITION

June 30, 2005 and 2004

	2005	2004
ASSETS		
Cash	$ 77,739	$ 71,627
Investments, at fair market value	2,312,400	2,311,802
Accounts receivable	17,746	2,210
Interest receivable	21,811	8,730
Prepaid expenses	58,827	47,349
Investments in joint ventures	135,178	113,158
Restricted cash for endowment	32,829	32,525
Deposits	-	2,175
Total assets	$ 2,656,530	$ 2,589,576
LIABILITIES AND NET ASSETS		
Liabilities:		
Accounts payable and accrued liabilities	$ 208,958	$ 57,100
Unearned memberships, subscription and meeting revenue	622,967	592,564
Total liabilities	831,925	649,664
Net assets:		
Unrestricted:		
Undesignated	1,504,927	1,636,446
Board-designated	274,193	258,385
Total unrestricted	1,779,120	1,894,831
Temporarily restricted	14,346	13,942
Permanently restricted	31,139	31,139
Total net assets	1,824,605	1,939,912
Total liabilities and net assets	$ 2,656,530	$ 2,589,576

See accompanying notes and auditors' report.

INSTITUTE OF MATHEMATICAL STATISTICS

STATEMENTS OF ACTIVITIES

For the Years Ended June 30, 2005 and 2004

	2005	2004
Changes in unrestricted net assets:		
Revenue and support:		
Membership dues and journal subscriptions	$ 355,253	$ 357,657
Non-member subscriptions	713,767	655,159
Contributions	-	500
Sales of back issues	6,548	8,789
Page charges	39,422	19,500
Sales of Lecture Notes - Monograph Series	24,303	30,540
Sales of NSF-CBMS Series	7,527	7,599
Scientific meetings	65,192	84,443
Advertising	31,543	27,197
Offprints, royalties and other	55,665	48,458
Net profit of joint venture publications	42,599	20,656
Unrealized gain on investments	1,600	8,200
Investment income	47,817	34,039
Total unrestricted revenue and support	1,391,236	1,302,737
Expenses:		
Program	1,438,903	1,255,052
General and administrative	68,044	66,507
Total expenses	1,506,947	1,321,559
Decrease in unrestricted net assets	(115,711)	(18,822)
Changes in temporarily restricted net assets:		
Contributions	100	10,556
Investment income	304	112
Increase in temporarily restricted net assets	404	10,668
Decrease in net assets	(115,307)	(8,154)
Net assets, beginning of year	1,939,912	1,948,066
Net assets, end of year	$ 1,824,605	$ 1,939,912

See accompanying notes and auditors' report.

INSTITUTE OF MATHEMATICAL STATISTICS

STATEMENTS OF CASH FLOWS

For the Years Ended June 30, 2005 and 2004

	2005	2004
Cash flows from operating activities:		
Changes in net assets	$ (115,307)	$ (8,154)
Adjustments to reconcile changes in net assets to net cash provided by operating activities:		
Net profit in investments in joint ventures	(22,020)	(20,656)
Unrealized gain on investments	(1,600)	(8,200)
(Increase) decrease in assets:		
Accounts receivable	(15,536)	(1,615)
Interest receivable	(13,081)	1,509
Prepaid expenses	(11,478)	14,985
Restricted cash for endowment	(304)	(415)
Deposits	2,175	-
Increase (decrease) in liabilities:		
Accounts payable and accrued liabilities	151,858	(23,684)
Unearned memberships, subscription and meeting revenue	30,403	56,831
Total adjustments	120,417	18,755
Net cash provided by operating activities	5,110	10,601
Cash flows from investing activities:		
Net change in investments in joint venture	1,002	(52,002)
Net cash provided (used) by investing activities	1,002	(52,002)
Net increase (decrease) in cash	6,112	(41,401)
Cash, beginning of year	71,627	113,028
Cash, end of year	$ 77,739	$ 71,627

See accompanying notes and auditors' report.

INSTITUTE OF MATHEMATICAL STATISTICS

NOTES TO FINANCIAL STATEMENTS

June 30, 2005 and 2004

NOTE A – Description of organization

The Institute of Mathematical Statistics (the Institute) is an international professional and scholarly society devoted to the development and dissemination of the theory and applications of statistics and probability. Its activities include sponsorship of journals and other scientific publications, organization of scientific meetings and cooperation with other scientific organizations.

The scientific journals of the Institute are The Annals of Applied Probability, The Annals of Probability, The Annals of Statistics and Statistical Science. The IMS Bulletin is the news organ of the Institute. In addition, the Institute publishes The IMS Lecture Notes - Monograph Series. Jointly with other organizations, the Institute publishes the Journal of Computational and Graphical Statistics, the NSF-CBMS Regional Conference Series in Probability and Statistics, Current Index to Statistics, other Indexes and collected works of well-known statisticians and probabilists.

The Institute is an international organization of approximately 4,300 statisticians, probabilists, epidemiologists and econometricians from industry, academia and government.

NOTE B -- Summary of significant accounting policies

Basis of accounting

The Institute maintains its accounting records and prepares its financial statements on the accrual basis. Accordingly, revenue and the related assets are recognized when earned rather than when received, and expenses are recorded when the obligation is incurred rather than when paid.

Financial statement presentation

The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America for not-for-profit organizations. The financial activities are classified into three classes of net assets: unrestricted, temporarily restricted and permanently restricted net assets.

Unrestricted net assets: These amounts consist of net assets that are not subject to donor-imposed restrictions. Unrestricted net assets are expendable resources used to support the Institute's core activities. These net assets may be designated for specific purposes by action of the Council to be used for future periods.

See auditors' report.

NOTE B -- Summary of significant accounting policies (continued)

Temporarily restricted: Those net assets and activities which are donor restricted for: (a) support of specific operating activities; (b) investment for a specified term; (c) use in a specified future period; or (d) acquisition of long-lived assets.

Permanently restricted: Those net assets and activities which are permanently donor restricted for holdings of: (a) assets donated with stipulations that they be preserved and not be sold; or (b) assets donated with stipulations that they be invested to provide a permanent source of income. Permanently restricted net assets consist of cash gifts restricted by donors to establish a fund honoring the memory of Professor Le Cam.

Certain reclassifications have been made to the 2004 financial statements to conform with the 2005 financial statements presentation. Such reclassifications had no effect on net assets as previously reported.

Revenue and support recognition

Membership dues and subscription fees are recognized as revenue on a straight-line basis over the term of the applicable membership and subscription period. Membership and subscription periods run from January 1 to December 31. Any time a member or non-member subscribes, he/she is entitled to all issues of the journal(s) published during the subscription period. The unearned portion of the revenue is recorded as a liability under the unearned memberships, subscription and meeting revenue in the Statements of Financial Position.

The Institute recognizes contributions upon the earlier of receipt or when a pledge is executed. Contributions without donor-imposed restrictions are reported as unrestricted support. Contributions with donor-imposed restrictions are reported as either temporarily restricted or permanently restricted for support, depending upon the type of restriction. The Institute does not solicit contributions.

Income taxes

The Institute is a qualified organization exempt from federal income taxes under the provisions of Section 501(c)(3) of the Internal Revenue Code.

Use of estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

NOTE B -- Summary of significant accounting policies (continued)

Investments in joint ventures

Investments in joint ventures are stated at cost plus the equity in the undistributed earnings of the joint ventures since the dates of acquisition.

Production costs of publications

The Institute's policy is to expense the production costs of its publications as incurred rather than capitalize these costs as inventory. The Institute follows this policy as there is no discernible market for the publications after the initial distribution.

Shipping and handling costs

Shipping and handling costs are recorded as incurred. The expenses were included in the functional expenses in Note G.

Functional allocation of expenses

The costs of providing the program and supporting activities of the Institute are summarized in the Statements of Activities and are shown in detail in Note G. Expenses that can be directly identified with a specific function are allocated directly to that function. Expenses that cannot be directly identified with a specific function are allocated between the program services and the general and administrative based on allocation methods and estimates made by management.

NOTE C -- Concentration of credit risk

The Institute maintains cash balances at three financial institutions. The balances at times may exceed federally insured limits. The Institute has not experienced any losses in these accounts and believes they are not exposed to any significant credit risk.

NOTE D -- Investments

The Institute maintains accounts with Merrill Lynch. Investments include mutual funds carried at their fair market value and certificates of deposit at various institutions maturing at various dates. The investments are immediately convertible to cash with maturities ranging from one month to less than two years. Investments at June 30, 2005 and 2004 were as follows:

	2005	2004
Mutual funds (cost $200,000)	$ 179,400	$ 177,800
Certificates of deposit at various institutions	2,133,000	2,134,002
Total	$ 2,312,400	$ 2,311,802

NOTE E -- Investments in joint ventures

The Institute and the American Statistical Association (ASA) are involved in a joint venture for the production and sale of the Current Index to Statistics (CIS). The Institute and ASA each hold a 50% interest in this joint venture.

The Institute, ASA and Interface Foundation of North America (IFNA) participate in a joint venture for periodic publication of the Journal of Computational and Graphical Statistics. The Institute's participation in profits and ownership of this venture is 40%.

The Institute's equity was $90,763 and $76,285 for Current Index to Statistics (the CIS venture) and $44,415 and $36,873 for Journal of Computational and Graphical Statistics (the IFNA venture) at June 30, 2005 and 2004, respectively.

NOTE E -- Investments in joint ventures (continued)

The following is a summary of the financial position and results of operations of the joint ventures for the years ended June 30:

	Current Index to Statistics		Journal of Computational and Graphical Statistics	
	2005	2004	2005	2004
Current assets	$ 231,151	$ 220,278	$ 169,188	$ 148,726
Total assets	$ 231,151	$ 220,278	$ 169,188	$ 148,726
Current liabilities	$ 49,625	$ 67,709	$ 58,146	$ 56,543
Undistributed co-sponsors' equity	181,526	152,569	111,042	92,183
Total liabilities and co-sponsors' equity	$ 231,151	$ 220,278	$ 169,188	$ 148,726
Revenue	$ 127,591	$ 112,959	$ 109,392	$ 99,750
Net income	$ 70,113	$ 39,912	$ 18,858	$ 1,752

NOTE F -- Retirement plan

The Institute participates in an employer matching 403(b) retirement annuity plan. The Institute matches 200% of the contributions of eligible employees up to 10% of the employee's gross salary. Employees who have completed three years of service are eligible to participate. The Institute contributed $8,025 and $7,700 for the years ended June 30, 2005 and 2004, respectively.

NOTE G -- Functional expenses

Program and general and administrative expenses for the year ended June 30, 2005 were as follows:

	Program	General and Administrative	Total
Production expenses (see Note H)	$ 615,775	$ -	$ 615,775
Editorial expenses (see Note H)	241,333	-	241,333
Management fee	141,362	-	141,362
Salaries, payroll taxes and employee benefits	72,107	30,903	103,010
Mailing and shipping at press	144,639	-	144,639
Scientific meetings	102,202	-	102,202
Business meetings	30,090	-	30,090
Rent and utilities	2,316	993	3,309
Contributions to other organizations	7,057	-	7,057
Postage and shipping from office	18,890	8,096	26,986
Computer equipment and software	3,588	1,538	5,126
Professional fees	-	18,460	18,460
Insurance	15,105	6,474	21,579
Storage	12,152	-	12,152
Printing	7,917	-	7,917
Credit card fees and refunds	12,935	-	12,935
Supplies	1,695	727	2,422
Telephone	1,383	593	1,976
Membership drives and publicity	7,747	-	7,747
Office expense	610	260	870
	$ 1,438,903	$ 68,044	$ 1,506,947

NOTE G -- Functional expenses (continued)

Program and general and administrative expenses for the year ended June 30, 2004 were as follows:

	Program	General and Administrative	Total
Production expenses (see Note H)	$ 511,785	$ -	$ 511,785
Editorial expenses (see Note H)	208,341	-	208,341
Management fee	131,885	-	131,885
Salaries, payroll taxes and employee benefits	68,762	29,470	98,232
Mailing and shipping at press	109,659	-	109,659
Scientific meetings	114,465	-	114,465
Business meetings	5,379	-	5,379
Rent and utilities	2,425	1,039	3,464
Contributions to other organizations	6,362	-	6,362
Postage and shipping from office	20,927	8,969	29,896
Computer equipment and software	3,354	1,438	4,792
Professional fees	-	17,010	17,010
Insurance	15,246	6,534	21,780
Storage	11,684	-	11,684
Printing	13,633	-	13,633
Credit card fees and refunds	12,099	-	12,099
Supplies	2,176	933	3,109
Telephone	969	415	1,384
Membership drives and publicity	14,272	-	14,272
Office expense	1,629	699	2,328
	$ 1,255,052	$ 66,507	$ 1,321,559

NOTE H -- Production and editorial expenses

Production and editorial expenses incurred were as follows:

	2005	2004
Production expenses:		
The Annals of Statistics	$ 166,307	$ 129,058
The Annals of Probability	144,051	145,981
The Annals of Applied Probability	134,058	90,979
Statistical Science	63,990	59,058
NSF - CBMS Series	4,062	-
IMS Bulletin	43,286	36,636
Lecture Notes - Monograph Series	19,580	20,002
Probability Surveys	4,788	-
Electronic operations for all publications	35,653	30,071
Total production expenses	$ 615,775	$ 511,785
Editorial expenses:		
The Annals of Statistics	$ 65,357	$ 61,660
The Annals of Probability	5,464	6,284
The Annals of Applied Probability	6,000	7,315
Statistical Science	3,228	11,748
IMS Bulletin	49,801	32,595
Managing and production editors	85,372	76,763
WWW editor	16,111	11,976
Electronic operations for all publications	10,000	-
Total editorial expenses	$ 241,333	$ 208,341

NOTE I -- Net assets

	2005	2004
The following are net assets available at June 30:		
Unrestricted:		
Undesignated	$ 1,504,927	$ 1,636,446
Board-designated:		
Dorweiller Fund	3,600	3,600
Hotelling Fund	1,600	1,600
Reserve Life Fund	141,933	105,936
New Researchers Meeting Fund	37,441	40,544
Development Fund	25,000	25,000
Laha Fund	64,619	81,705
Total board-designated	274,193	258,385
Temporarily restricted:		
Tweedie Memorial Fund	12,656	12,556
Le Cam earnings fund	1,690	1,386
Total temporarily restricted	14,346	13,942
Permanently restricted:		
Le Cam Endowment	31,139	31,139
Total net assets	$ 1,824,605	$ 1,939,912

During the year ended June 30, 2005, the Institute determined that the Tweedie Memorial Fund should be reported under temporarily restricted net assets rather than unrestricted board-designated net assets at June 30, 2004. Reclassifications have been made accordingly to properly reflect net asset ending balances.

International Calendar of Statistical Events

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

March 2006

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

IMS March 14-17: Goethe University Frankfurt/Main, Germany. **German Open Conference on Probability and Statistics.** w http://stoch2006.math.uni-frankfurt.de/index_en.html

March 20-24: CIMAT, Guanajuato, Mexico. **Conference on Stochastics in Science, in honor of Ole E Barndorff-Nielsen's 71st Birthday.** e pabreu@cimat.mx w www.cimat.mx/Eventos/oebn-conference

March 22: Princeton University, NJ. **Special day on Markov Processes in honor of Erhan Cinlar's 65th birthday.** Preceding SSP2006 (see below) w www.orfe.princeton.edu/~rcarmona/SSP2006/ssp2006.html

March 23–25: Princeton University, Princeton, NJ. 2006 **Seminar on Stochastic Processes.** w www.orfe.princeton.edu/~rcarmona/SSP2006/ssp2006.html

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

IMS March 26–29: Hyatt Regency Tampa, Florida. **2006 ENAR Spring Meeting.** w www.enar.org/meetings.htm

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

April 2006

April 5: Southampton Statistical Sciences Research Institute Southampton, UK. **Analysis of Panel Data:** short course. Peter Smith e panel@s3ri.soton.ac.uk w www.s3ri.soton.ac.uk/events/seminars/index.php

April 6–7: Southampton, UK. **Convergence of Methods for the Analysis of Panel Data.** w www.s3ri.soton.ac.uk/events/seminars/index.php

April 19–21: Ghent, Belgium. **2nd Meeting Methodological Issues in Oral Health Research: Assessing and Improving Data Quality.** w http://med.kuleuven.be/biostat/conferences/Dental2006/

NEW April 21–23: Indiana University, Bloomington. **Seymour Sherman Lecture and Conference: Probability and Statistical Physics.** Sherman Lecturer: Tom Liggett. w http://mypage.iu.edu/~rdlyons/other/sherman.html

May 2006

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

NEW May 12–13: Carnegie Mellon University, Pittsburgh, PA. **Third Workshop on Statistical Analysis of Neuronal Data (SAND3).** w http://sand.stat.cmu.edu

NEW May 15–17: Ottawa, Canada. **Workshop on Probabilistic Symmetries and Their Applications.** Organizers: Gail Ivanoff and Raluca Balan w www.mathstat.uottawa.ca/~givanoff/workshop.htm

May 15–17: Al-Azhar University, Gaza, The Palestinian Authority. **First International Conference on Mathematical Sciences in Gaza.** Contact Dr Mahmoud K Okasha e m.okasha@alazhar-gaza.edu or m.okasha@palnet.com t +970 59 9441133 w www.alazhar-gaza.edu/ICMS

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

May 17–19: Hotel Europe, Killarney, Ireland. **CASI 2006: Conference of Applied Statistics in Ireland.** Kingshuk Roy Choudhury e kingshuk@stat.ucc.ie w http://euclid.ucc.ie/pages/casi06/index.html

IMS May 18–20: Princeton, NJ. **Workshop on Frontiers of Statistics.** IMS Reps: Jianqing Fan, Luisa Fernholz, Hira Koul. w www.orfe.princeton.edu/conferences/frontiers/index.htm

May 22–26: U of Nevada, Las Vegas. NSF-CBMS: **Mathematical and Numerical Treatment of Fluid Flow and Transport in Porous Media. Organizers** Jichun Li jichun@unlv.nevada.edu and Yi-Tung Chen uuchen@nscee.edu w www.ncacm.unlv.edu/cbms/

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

May 28–31: London, Ontario. **2006 Annual Meeting of the Statistical Society of Canada.** Local Chair, David Bellhouse, U of Western Ontario, London. e bellhouse@stats.uwo.ca Scientific program chair Richard Lockhart e lockhart@sfu.ca

IMS May 29–31: Limassol, Cyprus. **Statistical Models for Biomedical and Technical Systems.** IMS Rep: Filia Vonta, University of Cyprus. e biostat2006@ucy.ac.cy w www.ucy.ac.cy/biostat2006

June 2006

June 1-7: Benidorm, Spain. **Valencia / ISBA 8th World Meeting on Bayesian Statistics.**

Valencia 8 mailing list: **e** valenciameeting@uv.es **w** www.uv.es/valenciameeting

ims June 4–29: Snowbird Resort, Utah. **2006 Joint AMS-IMS-SIAM Summer Research Conferences.** Write for invitation: Summer Research Conferences Coordinator, AMS, PO Box 6887, Providence, RI 02940 **e** wsd@ams.org by March 3, 2006. **w** www.ams.org/meetings/src06.html

June 5–9: Smolenice, Slovak Republic. **PROBASTAT 2006: 5th International Conference on Probability and Statistics. e** probastat@savba.sk **w** http://aiolos.um.savba.sk/~viktor/probastat.html

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

NEW June 6–11: Penn State University. **Summer School for Statistical Challenges in Modern Astronomy IV**, June 6-10, and **software tutorial**, June 11. Precedes Statistical Challenges in Modern Astronomy conference (see below) **w** http://astrostatistics.psu.edu/scma4/

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

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

NEW ims June 13–17: Uppsala, Sweden. **15th International Workshop on Matrices and Statistics. w** www.bt.slu.se/iwms2006/iwms06.html

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

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

June 14–17: University of Connecticut, Storrs, CT. **ICSA 2006 Applied Statistics Symposium.** Ming-Hui Chen, Dept of Statistics, Univ of Connecticut, **e** mhchen@stat.uconn.edu **w** www.icsa.org

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

NEW June 18–23: Bressanone-Brixen, Italy. **Computational and Statistical Aspects of Microarray Analysis (IV).** Contact stefano.iacus@unimi.it **w** www.economia.unimi.it/marray

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

NEW June 21–24: Stanford University, CA. **Workshop on Algorithms for Modern Massive Data Sets**. Organizers: Gene Golub, Michael Mahoney, Petros Drineas, Lek-Heng Lim lekheng@cs.stanford.edu. **w** http://forum.stanford.edu/events/workshop/mmds/

June 25–30: Vilnius, Lithuania. **9th International Vilnius Conference on Probability Theory and Mathematical Statistics.** Aleksandras Plikusas **e** conf@ktl.mii.lt **w** www.science.mii.lt/vilconf9/

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

ims June 26 – July 7: Ithaca, NY. **2nd Cornell Probability Summer School. w** www.math.cornell.edu/~durrett/CPSS2006/

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

July 2006

July 2–7: Salvador, Brazil. **ICOTS7:** Working Cooperatively in Statistics Education. Carmen Batanero **e** batanero@ugr.es **w** www.maths.otago.ac.nz/icots7

July 3–6: Auckland, New Zealand. **ASC/NZSA 2006: Australian Statistical Conference and New Zealand Statistical Association. w** www.statsnz2006.com/ **e** statsnz2006@tourhosts.com.au

NEW ims July 7–8: Northeast Normal Univ, Changchun, China. **International Conference on Frontiers in Statistics: Biostatistics and Bioinformatics.** IMS Rep Samuel Kou. **w** http://math.nenu.edu.cn/icf

NEW July 10–13: University of Wisconsin–Madison. **Markov Processes and Related Topics: conference in honor of Tom Kurtz on his 65th birthday. w** www.math.utah.edu/~ethier/kurtzfest.html

NEW July 10–14: Leiden, The Netherlands. **Asymptotics: particles, processes and inverse problems, on the occasion of the 65th birthday of Piet Groeneboom. w** www.lorentzcenter.nl/lc/web/2006/20060710/info.php3?wsid=189

July 16–21: Technical Univ of Lisbon, Portugal. **ICORS 2006: International Conference on Robust Statistics. w** www.math.ist.utl.pt/icors2006 **e** icors2006@math.ist.utl.pt

July 16-21: Montreal, Canada. XXIII **International Biometrics Conference.** Travel Support: apply by May 1, 2006 to Lynne Billard **t** 706-542-3281 **e** lynne@stat.uga.edu **w** www.ibc2006.org

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

July 24–28: Toruń, Poland. **26th European Meeting of Statisticians. e** ems2006@umk.pl **w** www.ems2006.umk.pl

Continued on **page 38**

International Calendar *continued*

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

NEW July 27–28: Penn State University, University Park, PA. **Workshop on Matrix Theory and Computations. w** www.stat.psu.edu/news/conferences/MatrixTheory_July2006.pdf

July 29 – August 2: Kansas State Univ. NSF-CBMS: **Interplay between Convex Geometry and Harmonic Analysis.** Organizers: Dmitry Ryabogin ryabs@math.ksu.edu and David Auckly dav@math.ksu.edu **w** www.math.ksu.edu/main/events/convex-geom

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

August 2006

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

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

IMS August 6–10: Washington, Seattle. **JSM2006. w** www.amstat.org/meetings/jsm/2006

August 6–12: Kent State University. NSF-CBMS: **Probabilistic and Combinatorial Approach in Analysis.** Organizers: Artem Zvavitch zvavitch@math.kent.edu, Per Enflo enflo@math.kent.edu and Andrew Tonge tonge@math.kent.edu **w** www.math.kent.edu/math/CBMS.cfm

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

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

August 22-30: Madrid, Spain. **International Congress of Mathematicians (ICM). w** www.icm2006.org

August 23–25: University of Dublin, Trinity College, Ireland. **High Performance Computing and Statistical Inference.** Local organiser Simon Wilson **e** simon.wilson@tcd.ie **w** www.tcd.ie/Statistics/hpcsi/

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

September 2006

NEW September 1–4: Lisbon, Portugal. SCRA 2006-FIM XIII: **13th International Conference of the Forum for Interdisciplinary Mathematics on Interdisciplinary Mathematical and Statistical Techniques. w** http://scra2006.southalabama.edu/

September 10–14: Queen's University Belfast, Northern Ireland. **RSS 2006 Conference.** Paul Gentry **e** conference@rss.org.uk **w** www.rss.org.uk/rss2006

NEW September 14–15: Foggia, Italy. **Spatial Data Methods for Environmental and Ecological Processes. w** www.unifg.it/spatial

September 27–29: Pamplona, Spain. **International Workshop on Spatio-Temporal Modelling (METMA3).** Lola Ugarte: **t** +34 948 169 202 **e** metma3@unavarra.es **w** www.unavarra.es/metma3

December 2006

NEW December 28–29: Calcutta, India. **Multivariate Methods in the 21st Century: international conference to mark the birth centenary of Professor S N Roy and his legacy in Statistics.** Co-organizers: Barry C Arnold barry.arnold@ucr.edu or Ashis SenGupta ashis@isical.ac.in or ashis@stat.ucr.edu

January 2007

NEW IMS January 2-5: Cochin, India. **Statistics, Probability and Related Areas. w** http://www.stat.ohio-state.edu/~hnn/IISA.html

March 2007

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

NEW March 27–30: Bielfeld, Germany. **Statistik unter einem Dach / Statistics under one roof. w** www.statistik2007.de/enhome/index.html **e** dagstat2007@uni-bielefeld.de

June 2007

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

Membership and Subscription Information

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

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

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

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

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in the next issue

April 2006

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

Send in your articles, feedback, letters…

DEADLINE for submissions

March 1, 2006

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

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

IMS: Organized September 12, 1935

Kakuro corner

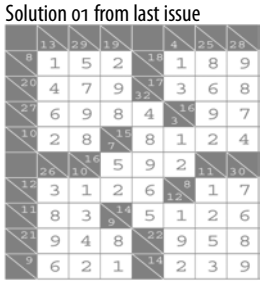
How to play: Place single digits (1 to 9 inclusive) in the white boxes in the grid. The row or column of digits which make up a sequence must add up to the black box to the left or at the top. Each digit in a sequence must be different. In the example below, the first row sequence is to make 8:

No repeated digits in a sequence.

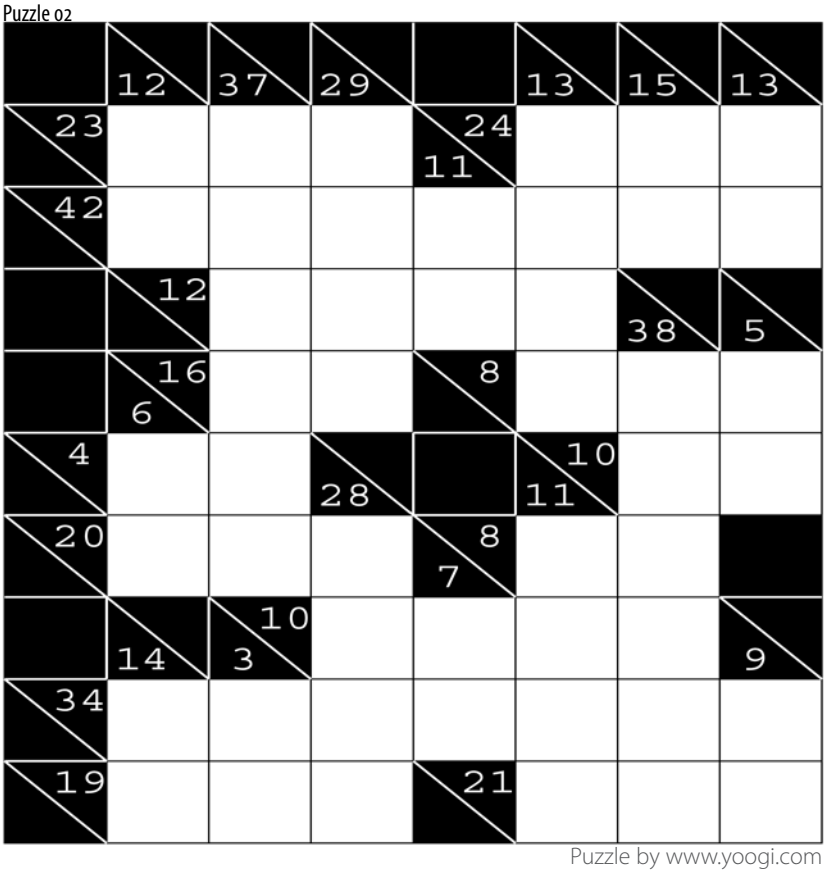
This row sequence doesn't add up to 8.

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

Solution 01 from last issue



Puzzle 02



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