

September/October 2002

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Rocky Mountain High: Annual Meeting "practically perfect"



Between July 28 and August 2, nearly 300 statisticians, mathematicians and probabilists met in the beautiful mountain setting of Banff, in the Canadian Rockies, for the 65th IMS Annual Meeting and the Fourth International Symposium on Probability and its Applications.

As usual, the Executive and Council met and discussed matters of importance to IMS members: summaries of the Council meetings are on page 14. The Executive, Editors' and Committees' reports begin on page 15.

Response to the meeting was overwhelmingly positive. The conference facilities at the Banff Centre were good, the papers presented were the usual varied and interesting mixture, and the sessions were well organised. IMS Web Editor Susan Holmes was enthusiastic: "I thought the meeting was the best I ever attended!"

IMS President, Raghu Varadhan, found the meeting very interesting, speaking as a probabilist, "The Medallion Lectures in statistics provided a very useful cross section of recent progress in the field. The Probability Symposium had broad representation from all the current trends in the subject. I wish to congratulate the program committees for their fine work."

The town of Banff, and the Rocky Mountains, are a popular destination for hikers, bikers and campers. Even at its busiest in the summer, the peace isn't far away, with sunny wildflower meadows, rugged peaks and clear alpine air: a fabulous setting. In fact several delegates commented on how much they loved the location, and were hoping the IMS might host future meetings there. Nancy Reid, who said the meeting was "practically perfect in every way", writes about plans for other statistical happenings in Banff on page 11.

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News from IMS members

The 2002 Presidents' Award of the Committee of Presidents of Statistical Societies (the COPSS Award) has been presented to **Prof Jun Liu**, of Harvard University, who as a young member of the statistical community, was recognized for his work on Monte Carlo methods. Professor Stephen Fienberg presented the award at the Joint Statistical Meetings in New York, with the citation:

"For his fundamental contributions to Monte Carlo methods and bioinformatics, two of the most active and exciting frontiers of current statistical research. Professor Liu has made pivotal contributions to research that will hold a place of high distinction in the history of genomics and computational statistics. He and his collaborators have established the first comparative convergence results for different Gibbs sampling schemes, and have systematically developed sequential importance sampling as a powerful approach to numerous Monte Carlo tasks in scientific computation. Using these tools he has made seminal contributions to Bayesian modeling and computation of biological sequences analysis".



Look out for a Profile of Jun in the next issue of the Bulletin!

Dr Jagdish Chand Ahuja, professor of Mathematical Sciences at Portland State University, has been selected to receive the American Medal of Honor. He was chosen because of his "perseverance and dedication toward contributing to a better society by building better communities through outstanding service on local, state and international levels".

Neal Madras, Professor of Mathematics and Statistics at York University, Toronto, has been elected a Fellow of the Royal Society of Canada.



IMS Fellow **Dr. G. P. Patil** has received the William Boggess Best Paper Award of the American Water Resources Association (AWRA), the first statistician honored in this way in the thirty year history of the award. He was nominated for his paper on predictability of surface water pollution loading using watershed-based landscape measurements, which was published in the August 2001 issue of the *Journal of the American Water Resources Association*.

The research was conducted under the auspices of the NSF and EPA Water and Watersheds Program and EPA Environmental Information Analysis and Access Program, using parts of the multiscale advanced raster map analysis system (MARMAP) in progress.

Dr. Patil is Distinguished Professor of Mathematical and Environmental Statistics, Director of the Center for Statistical Ecology and Environmental Statistics, and Editor-in-Chief of Environmental and Ecological Statistics, at Pennsylvania State University.

CORRECTION: **Arup Bose**, recently elected IMS Fellow, was wrongly recorded in the last issue of the Bulletin as affiliated to Purdue University. He has in fact been affiliated to the Indian Statistical Institute since January 1991.

Dr Henry R Neave has received the Deming Medal from the American Society for Quality. The medal is presented for “outstanding leadership in combining statistical thinking and management that leads to quality in products and services”. Neave, of Nottingham Trent University, UK, was recognized for his “dedication to a new philosophy and long-term commitment to transformation through teaching and helping organizations apply the Deming principles of management.”

Other news:

2002 DeGroot Prize Winner Announced

The winner of the 2002 DeGroot Prize in recognition of a published book in statistical science is:

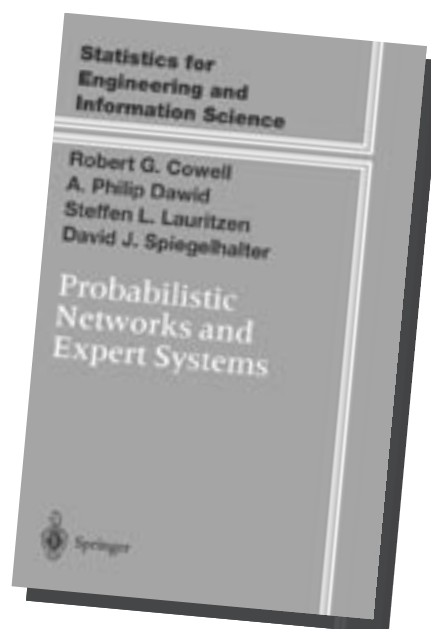
Robert G. Cowell, A. Philip Dawid, Steffen Lauritzen, and David J. Spiegelhalter (1999). *Probabilistic Networks and Expert Systems*. Springer-Verlag, New York.

The award was presented to the authors at the Seventh Valencia International Meeting on Bayesian Statistics, in Tenerife.

The DeGroot Prize, administered on behalf of the statistical community by the International Society for Bayesian Analysis (ISBA), is named after Morris (“Morrie”) H. DeGroot. It recognizes the impact and importance of his work in statistics and decision theory, especially in the form of monographs and textbooks, and his marked influence on the evolution of the discipline over several decades through his personal scholarship, educational, and professional leadership.

For this inaugural award books published between 1996 and 2000 were eligible for nomination. The 15 nominated books were judged on their overall quality, and the extent to which they represent important, timely, thorough, and notably original contributions to the statistics literature. The committee members (Philip Brown, Kathryn Chaloner, Stephen E. Fienberg (Chair), Edward George, and Adrian Smith) also considered whether they thought that Morrie would have enjoyed reading the books.

In the committee’s opinion, *Probabilistic*



Networks and Expert Systems possesses several special features that helped distinguish it from the other excellent books nominated for the prize:

- The quality of the writing is impressive.
- It deals with problems on the cutting edge of the interface between statistics and computer science.
- It contains succinct but clear expository material on graphs and probability networks, worthy of a text book.
- It is replete with real examples and suggestions for further reading, along with an up-to-date bibliography.
- While much of the material in the book has appeared in papers scattered about the literature, including in Valencia Proceedings volumes, the whole was far greater than the sum of these parts.

The committee believes Morrie DeGroot would certainly have enjoyed reading *Probabilistic Networks and Expert Systems*, perhaps even using it in his own work.

Executive Committee

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Calls for Nominations

IMS AWARDS: Harry C. Carver Medal

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

The medal will be awarded at a ceremony during the IMS Annual Meeting in San Francisco, August 3-7, 2003. The nominating committee consists of three former Presidents of the IMS.

Please send a letter (not more than 2 pages) detailing the reasons for the nomination along with a copy of the nominee's CV by January 31, 2003 to:

IMS Carver Medal Nomination, PO Box 22718, Beachwood OH 44122, USA. Fax: (216) 921-6703; email: ims@imstat.org



2002 Carver Medal awarded to Bruce Trumbo (left) by outgoing President Iain Johnstone at the 2002 IMS Annual Meeting in Banff

IMS Laha Travel Awards

With funds from a generous bequest by the late Professor Radha Govind Laha, IMS has established the Laha Awards for travel to the IMS Annual Meeting. Here are details of the first award round.

Purpose:

To fund travel to present a paper at the IMS Annual Meeting (part of the Joint Statistical Meetings) in San Francisco, CA, August 3-7, 2003.

Eligibility:

First priority to students, second priority to New Researchers within 2 years of Ph.D. degree at the date of the meeting. Must be members of IMS (but see below).

Amount:

Up to U.S. \$500 per award, to be

reimbursed against receipts. May be combined with other sources of funding.

Application:

Please send the following information by February 7, 2003 to the address below:

- cover letter with contact information (including e-mail address)
- title, abstract, a brief 1-2 page summary of the paper to be presented, and one copy of the full paper or a link to a web site where the paper appears.
- For students: please include a letter signed by the advisor attesting to the fact that the student is a degree candidate at some point in 2003. For new researchers, please include the month and year of your graduation in the cover letter.

Send to:

Laha Award Application, Institute of Mathematical Statistics, PO Box 22718, Beachwood OH 44122, USA

Additional Information:

Applications will be reviewed by the IMS Executive Committee, and applicants will be notified in early March. It is expected that at least 8 awards will be made. The work must be that of the student (or new researcher), although it may have been done in collaboration with an advisor or others.

Applicants must be members of IMS, though joining at the time of application is allowed. Student membership is free (well, almost: see www.imstat.org/membership/studfly.pdf for details). New Researchers qualify for substantially reduced rates: see www.faseb.org/html/imsaim.html. Applications accepted online at www.imstat.org/membership/memapp/app.html



Recipients of the 2002 Laha Award at the Banff Meeting. Abraham Ayebo (far left) writes about his impressions of Banff on page 15

Institute of Mathematical Statistics

Nomination Form for Fellow

Please send completed form and documentation to:

Committee on Fellows

c/o Elyse Gustafson, IMS Executive Director

PO Box 22718

Beachwood OH 44122-0718

To obtain more forms or for questions please call (216) 295-2340, email ims@imstat.org or visit the IMS web site www.imstat.org.

Please contact the IMS if a street address is needed for overnight mail.

Qualifications for Fellowship:

The candidate shall have demonstrated distinction in research in statistics or probability, by publication of independent work of merit. This qualification may be partly or wholly waived in the case of (1) a candidate of well-established leadership whose contributions to the field of statistics or probability other than original research shall be judged of equal value; or (2) a candidate of well-established leadership in the application of statistics or probability, whose work has contributed greatly to the utility of and the appreciation of these areas. Candidates for fellowship should be members of IMS on December 1 of the year preceding their nomination, and should have been members of the IMS for at least two years.

Nomination Materials:

Please send ten (10) collated copies of the following:

1. Nomination form
2. Letter from nominator
3. Recent CV (preferably not older than 2 years)
4. 3-5 supporting letters (in addition to the nominator's letter). Letters are expected to explicitly address the above IMS criteria for fellowship

All nominations must be received by **January 31 2003**.

Please type or print

1. Name of Nominee Family _____ Given _____ Middle _____

Date of birth _____

2. Degrees (titles, dates, schools, and fields)

Continues overleaf

3. Present position(s), followed by significant former positions, with dates

4. Please draft here a citation that might accompany the election to Fellowship

5. Transmit with this nomination form a list of not more than five publications or other reasons for the nomination (attach additional sheets, if necessary)

6. Comments

7. Nominator's name	Family	Given	Middle
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Mailing address	
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2003 Dues Information

Council has approved the Dues shown in the table below for 2003. Regular and joint membership has increased to reflect the increase in benefits provided to members. A new category of membership has been introduced, Retired Life, available to those retired and aged over 65.

Institutional membership has increased to \$545; corporate membership remains at \$850. Electronic access to journals is included in these rates.

Institute of Mathematical Statistics 2003 Dues (All rates in US \$)	Regular	Joint	Reduced	1st Year Graduate	2nd Year Graduate	Student	Life	Retired Life
Basic membership (includes IMS Bulletin)	\$75	\$80	\$26	\$20	\$40	\$0	\$780	\$206
Additional titles (at least one additional subscription is required)								
Statistical Science	\$15	\$15	\$6	\$15	\$15	\$6	\$180	\$48
Annals of Statistics	\$30	\$30	\$12	\$30	\$30	\$12	\$360	\$96
Annals of Probability	\$25	\$25	\$10	\$25	\$25	\$10	\$300	\$80
Annals of Applied Probability	\$20	\$20	\$8	\$8	\$8	\$8	\$240	\$64

RENEW by December 31 and SAVE \$15 on Your Membership This Year!*

Do you always pay your dues on time? Then it's time we thanked you by giving back. Renew your membership via mail, fax or online by December 31, 2002 and save **\$15 off your membership rate***. All dues renewals must be **received by December 31, 2002** to be eligible.

* Offer available to Regular, Joint and Institutional members. We are unable to extend the discount to Life, Retired, Student, New Graduate or Reduced Country members due to discounts already extended.

Reduced Dues Countries

Below is the list of countries in which IMS members are eligible for reduced dues. This list will be effective for the year 2003 dues. The IMS Council has approved that all members in countries with a gross national product per capita of less than US\$9265 (as reported by the World Bank in June 2002) are eligible for reduced dues.

Afghanistan, Albania, Algeria, American Samoa, Angola, Argentina, Armenia, Azerbaijan, Bahrain, Bangladesh, Barbados, Belarus, Belize, Benin, Bhutan, Bolivia, Bosnia and Herzegovina, Botswana, Brazil, Bulgaria, Burkina Faso, Burundi, Cambodia, Cameroon, Cape Verde, Central African Republic, Chad, Chile, China, Colombia, Comoros, Congo, Dem. Rep., Congo, Rep., Costa Rica, Côte d'Ivoire, Croatia, Cuba, Czech Republic, Djibouti, Dominica, Dominican Republic, Ecuador, Egypt, Arab Rep., El Salvador, Equatorial Guinea, Eritrea, Estonia, Ethiopia, Fiji, Gabon, Gambia, The, Georgia, Ghana, Grenada, Guatemala, Guinea, Guinea-Bissau, Guyana, Haiti, Honduras, Hungary, India, Indonesia, Iran, Islamic Rep., Iraq, Isle of Man, Jamaica, Jordan, Kazakhstan, Kenya, Kiribati, Korea, Dem. Rep., Korea, Rep., Kyrgyz Republic, Lao PDR, Latvia, Lebanon, Lesotho, Liberia, Libya, Lithuania, Macedonia, FYR, Madagascar, Malawi, Malaysia, Maldives, Mali, Malta, Marshall Islands, Mauritania, Mauritius, Mayotte, Mexico, Micronesia, Fed. St., Moldova, Mongolia, Morocco, Mozambique, Myanmar, Namibia, Nepal, Nicaragua, Niger, Nigeria, Oman, Pakistan, Palau, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Puerto Rico, Romania, Russian Federation, Rwanda, Samoa, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, São Tomé and Príncipe, Saudi Arabia, Senegal, Seychelles, Sierra Leone, Slovak Republic, Solomon Islands, Somalia, South Africa, Sri Lanka, Sudan, Suriname, Swaziland, Syrian Arab Republic, Tajikistan, Tanzania, Thailand, Togo, Tonga, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, Uruguay, Uzbekistan, Vanuatu, Venezuela, Vietnam, West Bank and Gaza, Yemen, Rep., Yugoslavia, FR (Serb./Mont.), Zambia, Zimbabwe

Obituaries

George Barnard

Photograph by courtesy of Prof Dorothy Wedderburn



PROFESSOR GEORGE ALFRED BARNARD, Emeritus Professor of Mathematics at the University of Essex, who has died aged 86, was holding forth at a dinner of the Royal Statistical Society in the 1970s when a young member of the audience interrupted him: “That’s not what you said ten years ago.” On being reminded what he had said, Barnard thought for a while and then responded, “Good. That shows that I have learned something in ten years.” This was

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)

typical of him—in argument, he was less interested in defending his position than in arriving at the truth, with your help. His anti-establishment sentiment never left him.

His work was marked by its range, from the theoretical to the practical: one paper might be on a statistical study of the strength of condoms, with the next on some arcane point of inference. He often returned to the mathematical logic of his youth while applying ideas to quality control, for which he was awarded the Deming Prize for the American Society for Quality Control in 1991. He was the first to appreciate what has come to be known as the likelihood principle, which says roughly that, in assessing some data, one should pay attention to the possible explanations for the data, rather than, as many statisticians still advocate, seeing how the data stands in relation to other data that might have occurred but did not.

This important concept was to have an enormous influence on statistical thinking and practice. One American statistician, on being told by Barnard of a consequence of the principle, expressed surprise that anyone could advance an idea so patently wrong; yet years later could scarcely believe that some people resisted an idea so patently right.

Barnard was born and went to school in Walthamstow, east London. His father was a cabinet maker and his mother had been in service. He won a scholarship to St John’s College, Cambridge, UK, where he read mathematics, and then from 1937 to 1939 was at Princeton University studying mathematical logic.

At that time, he was politically on the left and was later, for many years, denied a visa to the US. He took part in anti-fascist marches in the east end of London and,

even in the 1950s, would proudly point out the slogan “Second front now” on a railway bridge, saying, “I did that!”

Shortly after the outbreak of the second world war, he worked as a mathematical consultant at Plessey, the engineering firm, where he was also a shop steward, but he left in 1942 to go to the Ministry of Supply to apply quality control to the products for which they were responsible. It was there that he began an interest in statistics that was to become his life’s work.

At the end of the war, he went to Imperial College, London, where he became Professor of Mathematics in 1954, leaving in 1966 for the newly created University of Essex, from which he retired in 1975. He then spent much of each year, until 1981, at the University of Waterloo, Canada. Before retirement, he was active in administration, serving on the University Grants Committee, the Computer Board and the Social Sciences Research Council. He gave three splendid presidential addresses to the Royal Statistical Society, the Operational Research Society and the Institute of Mathematics and Its Applications. He was not an efficient administrator, but he was kindly and considerate, so that people did not feel hard done by, and with a good secretariat things went well.

Barnard married Helen Davies in 1942. After their divorce, in 1949 he married Mary Jones, who survives him. There were three sons by the first marriage and one by the second.

George Alfred Barnard, statistician.

Born September 23 1915; died July 30 2002

This obituary, slightly modified, first appeared in the Guardian Newspaper on 9 August 2002. Written by Dennis Lindley.

Letters to the Editor

Floods Devastate University Library: Appeal for Donations

Widespread flooding in Europe in August has destroyed most of the texts, including valuable historical prints dating back to the 17th century, in the Vaclav Hlavaty Library of Charles University in Prague, Czech Republic. Rudy Beran writes in support of the public donation organized by the Faculty of Mathematics and Physics.

Dear Editor:

The recent flooding in Prague—the river crested at 8 meters above normal—submerged the Statistics, Mathematics, and Computer Science Library of the Faculty of Mathematics and Physics at Charles University. This is the library on the ground floor of the building at Sokolovska 83 that houses our colleagues in Statistics and Probability. Part of this library consists of valuable historical printings, some of which date back to as early as the 17th century. More than 70 percent of all books and journals in the library were under water for more than three days. Recovery of the books and journals, if at all possible, will be complicated and costly. The Faculty of Mathematics and Physics is determined to put forth its best effort to save them; in addition to other steps, it decided to organise a public donation. [See the box below for details of how you can help]

If you are interested in helping, please visit http://siprint.utia.cas.cz/24_ems/library/

Rudy Beran, UC Davis



Above: Mould growing on wet Biometrikas

Below: Post-diluvian scene



How You Can Help

The Vaclav Hlavaty Library was the largest mathematically and informatically orientated library in the Czech Republic. It contained almost 400 journals, 12 000 monographs, 6 500 lecture notes and 4 500 textbooks. Included in its funds were also more than 7 000 rare old books, many of them being a unique copy in the Czech Republic. This loss is keenly felt. The website http://siprint.utia.cas.cz/24_ems/library/ suggests the following ways in which you can help:

1. DONATE MONEY

Transfer money (preferably in Euros) to the following bank account:

Account title: Charles University in Prague
 Account number: 01256280/0300
 Bank: CSOB a.s., N/a Porici 24, 115 20 Praha 1
 SWIFT code: CEKO CZ PP
 Variable symbol: 900

Please do not forget to pay the transfer fees and to include the variable symbol in the details of your payment.

or send a personal check payable to Charles University, Faculty of Mathematics and Physics, to the address MFF UK, hospodarske odd., Ke Karlovu 3, CZ-121 16 Praha 2, Czech Republic.

2. DONATE BOOKS AND/OR JOURNALS

Donate to the library any mathematical books or journals you can spare, sending them to the address MFF UK, Library, Sokolovska 83, 186 75 Praha 8, Czech Republic.

A list of the missing ranges of journals is available at <http://www.mff.cuni.cz/fakulta/lib/voda/lost-journals.htm>. This list includes **all of the IMS publications**.

The Local Organising Committee members volunteer for this work: no overheads are deducted from your contributions. Contact e-mail: hlubinka@karlin.mff.cuni.cz

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Highlights in 2003 include:

- What are the advantages of MCMC based inference in latent variable models?
Richard Paap
- Bayesian estimation of transition probabilities from repeated cross sections
Ben Pelzer & Rob Eisinga
- A Jump-diffusion Model for Exchange Rates in a Target Zone
F. De Jong, F. C. Drost & B. J. M. Werker
- How To Assign Probabilities If You Must
C. J. Albers & W. Schaafsma

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2003 COPSS Awards: Call for Nominations

The Committee of Presidents of Statistical Societies (COPSS) Awards are jointly sponsored by the American Statistical Association, the Biometric Society (ENAR/WNAR), the Institute of Mathematical Statistics, and the Statistics Society of Canada. Below is the call for nominations for this year's COPSS awards that will be awarded at the 2003 Joint Statistical Meetings. Additional information for all of the awards can be found at the COPSS website: <http://www.niss.org/copss>

The George W. Snedecor Award:

This award honors an individual who was instrumental in the development of statistical theory in biometry. The award is for a noteworthy publication in biometry within three years of the date of the award. The Snedecor Award, established in 1976, is awarded bi-annually and consists of a

plaque and a cash award. Nominations for the Snedecor Award should include the citation and a paragraph describing the impact of the work. Nominations should be sent by January 15, 2003 to:

Karen Bandeen-Roche, E3006 SPH, Dept. of Biostatistics, John Hopkins School of Public Health, 615 North Wolfe Street, Baltimore, MD 21205-2179.

Phone: (410) 955-1166;

Email: kbandeen@jhsph.edu

The F. N. David Award:

This is a newly established award, sponsored jointly by COPSS and the Caucus for Women in Statistics. This award is named after Florence Nightingale David, an accomplished statistician and the first recipient of the Elizabeth L. Scott Award. This award is to be granted to a female statistician who serves as a role model to

other women by her contributions to the profession through excellence in research, leadership of multidisciplinary collaborative groups, statistics education, or service to the professional societies. The F. N. David Award, established in 2001, will be awarded bi-annually and consists of a plaque and cash award. Nominations for the F.N. David Award should include a current vitae for the nominee, a nomination letter (up to 3 pages), and up to 5 supporting letters. Nominations should be sent by January 15, 2003 to:

Snehalata Huzurbazar, Department of Statistics, University of Wyoming, Laramie, WY 82071-3332.

Phone: (307) 766-4826;

Email: lata@uwyo.edu

The President's Award:

This award is presented annually to a young member of one of the participating societies of COPSS. The award is presented in recognition of outstanding contributions to the statistics profession. The Presidents' Award is granted to an individual who has not yet reached his or her 41st birthday during the calendar year of the award. The award was established in 1976 and consists of a plaque and a cash award. Nominations should include a current vitae, nominee's date of birth, a nomination letter (up to 3 pages), and up to 5 supporting letters. Nominations should be sent by January 15, 2003, to:

C.F. Jeff Wu, Department of Statistics, The University of Michigan, Department of Statistics, 439 West Hall, 550 East University, Ann Arbor MI 48109-1092.

Phone: (734) 936-2577;

Email: jeffwu@umich.edu

Banff International Research Station

Nancy Reid writes: In view of the recent very successful meeting of the IMS in Banff, members will be interested to know that there is an exciting opportunity for further scientific meetings there.

The Banff International Research Station (BIRS) is a newly developed facility for research in the mathematical sciences. It was developed jointly by the Pacific Institute for the Mathematical Sciences (PIMS) and by the Mathematical Science Research Institute (MSRI) at Berkeley. It is funded by NSF, NSERC, the Alberta Science Research Authority, the MITACS Network and PIMS.

The main focus of BIRS are the forty 5-day research workshops held every year at its station located at the Banff Centre.

The inaugural workshop will take place in March, 2003. The programme for the first year of operation can be seen at: www.pims.math.ca/birs/activities03_menu/

A call for proposals for the second year of operation (2004) has been issued, and proposals from all areas of the mathematical sciences are welcomed. These will be reviewed by a scientific advisory board and decisions will be announced in December 2003. In addition to week-long research workshops, there are possibilities for shorter and longer stays of small groups of researchers ("Research in Teams" and "Focused Research Groups"). Please visit the BIRS web site <http://pims.math.ca/birs> for details of the programs available and the requirements for proposal submission.

Profile: SAMSI, forging a “new synthesis”

Jim Berger of Duke University, is the Director of SAMSI. He writes:

The Statistical and Applied Mathematical Sciences Institute (SAMSI) opened its doors on July 1, 2002. SAMSI is a new U.S. national institute in the mathematical sciences, formed by a partnership between the National Science Foundation and the consortium of Duke University, North Carolina State University, the University of North Carolina at Chapel Hill, and the National Institute of Statistical Sciences (NISS). SAMSI will be housed in the NISS building in the Research Triangle Park, North Carolina. For details about SAMSI, its programs and opportunities for participation, see the website www.samsi.info.

SAMSI's mission is to forge a new synthesis of the statistical sciences with the applied mathematical sciences and disciplinary science to confront the very hardest and most important data- and model-driven scientific challenges. SAMSI will be led by Director James O. Berger, Duke University, and Associate Directors H. Thomas Banks, North Carolina State University, Alan F. Karr, National Institute of Statistical Sciences, and J. Stephen Marron, University of North Carolina at Chapel Hill.

The scientific efforts at SAMSI will be organized into programs of six months to one year in duration. Some will focus on particular scientific problem areas, while

others will be defined by statistical themes that cut across multiple scientific contexts. Each will be led by statistical scientists from both within and outside the Research Triangle, coupled with strong involvement of disciplinary scientists. The first year SAMSI programs are briefly described below.

Opportunities for Involvement

There are numerous opportunities for participation by IMS members in the SAMSI programs. Visiting young and senior researchers will be resident at SAMSI for periods of one month to one year. Several postdoctoral positions will be funded for each SAMSI program. Special programs exist for graduate and upper level undergraduate students to initiate their involvement in cross-disciplinary and team research. Stephen Marron, who is in charge of Human Resources at SAMSI, comments “My favorite part of SAMSI is what it will do for people. New researchers will have special opportunities, from both the SAMSI environment and from financial support of students and postdocs. Senior researchers will have the chance for serious broadening of their interests and skill sets by contact with the SAMSI synthesis between statistics and applied math.”

Workshops will enable many others to join in the effort. Every SAMSI program will have at least an opening and a closing workshop, allowing for broad participation of individuals who cannot spend part of the year at SAMSI. New researchers and members of underrepresented groups are especially encouraged to participate in SAMSI workshops and programs.

SAMSI will be working closely with NISS. NISS Director, Alan Karr, emphasized the enormous potential of the synergy between SAMSI and NISS: “The corporations and government agencies that belong to the NISS Affiliates Program recognize strongly the need for SAMSI,

and have responded enthusiastically to its creation. The problems faced by these organizations, which range from data quality to homeland security to drug design to network design, are complex and lie at the interfaces among statistics, applied mathematics and disciplinary science—precisely where SAMSI will operate. In addition, through NISS the research catalyzed by SAMSI can have immediate impact on some of the most pressing technological and policy challenges faced by the U.S.”

SAMSI is very interested in obtaining proposals for future research programs. Anyone with an idea for a future program should contact Jim Berger (berger@samsi.info). Such ideas can also be communicated to the SAMSI National Advisory Committee, chaired by Peter Bickel and Margaret Wright.

SAMSI PROGRAMS IN YEAR 1

Program 1. Stochastic Computation: September 2002 – May 2003

The last decade has witnessed an essential revolution in statistical sciences based on developments in stochastic simulation and optimization. The goals of this program will be assessment and synthesis of stochastic simulation methods in central classes of probabilistic/statistical models widely used in scientific modeling, with graphical models as an over-arching framework. Specific model structures to be studied will be drawn from applications in various fields, including bioinformatics and areas that intersect the concurrent ‘Inverse Problems’ SAMSI program.

Opening Workshop: Challenges in Stochastic Computation (September 25–October 4 2002)

For information, contact Merlise Clyde and Mike West at stocom@samsi.info.



The NISS building, where SAMSI will be housed, in Research Triangle Park, North Carolina

Program 2. Inverse Problem Methodology In Complex Stochastic Models: September, 2002 - January, 2003

In many fields, including engineering, physics, material sciences and biology, there is a growing need for use of complex dynamical systems to describe and capture essential features of experimental findings. In many applications in these areas, ranging from characterization of individual parameters in HIV modeling to characterization of polarization mechanisms in dielectric materials, statistical methods associated with computational algorithms for estimation of parameters are needed. These methods entail treatment of (generally unobservable) individual "parameters" (e.g., functions representing growth and mortality rates) as random variables to be estimated from data on the

overall dynamics. An approach combining applied mathematics and statistics in a synergistic treatment of the fundamental issues offers ground breaking potential for scientific modeling in these disciplines. Opening Workshop: Inverse Problem Methodology in Complex Stochastic Models (September 21 - September 24, 2002)

For information, contact H. Thomas Banks and Marie Davidian at inverse@samsi.info.

Program 3. Large-Scale Computer Models for Environmental Systems: January-June, 2003

Modeling of complex environmental systems is a major area of involvement of statisticians and applied mathematicians with disciplinary scientists. Yet it is also a prime example of the differing emphases of the two groups, applied mathematicians

focusing on deterministic modeling of the systems and statisticians on utilizing the (often extensive) data for development and analysis of more generic stochastic models. The prime objective of the SAMSI program on environmental systems is to pursue the synthesis between the statistics and applied mathematics approaches. The program will focus on two areas of major interest and scientific importance, Large-Scale Atmospheric Models and Flows in Porous Media.

For information, contact Richard Smith at environment@samsi.info.

For more information about these programs, and application forms for participation in the workshops, go to the SAMSI website www.samsi.info.

Postdoctoral Fellowships in Computational Molecular Biology/Bioinformatics: Final Round

Catalyzing Career Transitions to Computational Molecular Biology/Bioinformatics

The Alfred P. Sloan Foundation and the U.S. Department of Energy (Office of Biological and Environmental Research) announce the **eighth and final** round of jointly-sponsored postdoctoral research awards for scientists interested in computational molecular biology.

This special postdoctoral program was initiated in 1995, in the belief that too few scientists possess the cross-disciplinary skills needed to exploit the exceptional scientific potential of computational molecular biology/bioinformatics: the nexus between the theoretical and practical tools of molecular biology and the revolutionary power of modern computational techniques. This will be the final year of this special program; hence all eligible and

interested candidates should apply by the deadline (**February 3, 2003**) for this final round.

The purpose of these fellowships is to catalyze career transitions into computational molecular biology by those holding doctorates in mathematics, physics, computer science, chemistry, engineering or other relevant fields who would like to develop the capacity to apply their computational sophistication to the complex problems that increasingly face molecular biology. The program is designed to offer computationally-sophisticated young scientists an intensive postdoctoral opportunity in an appropriate molecular biology laboratory.

The focus is upon computational molecular biology related to data and information from studies of human and other genomes. Computational molecular

biology is taken broadly to include the application of mathematics (continuous and discrete), statistics, probability, and computer science to fundamental problems of molecular biology. The goal is to foster interactions between the mathematical and biological sciences and to provide rigorous training for scientists in this new interdisciplinary area. Of special interest are important problems in structural biology and genome analysis, including analysis of protein and nucleic acid sequence, protein and nucleic acid structure, genome structure and maps, cross-species genome analysis, multi-genic traits, and structure-function relationships where the structures are from genomes, genes, or gene products.

For full details of application procedure, see http://www.sloan.org/programs/scitech_postdoct.shtml

Council makes 'thoughtful' decision over 2004 Israel meeting

Alicia Carriquiry, IMS Executive Secretary, reports on the First Council Meeting:

The 2002-02 IMS Council met in Banff, Canada, on July 28, 2002. As is customary, all officers offered short reports on the activities that were carried out during the past year, a summary of which follows.

President Iain Johnstone informed the Council of the many positive initiatives that were undertaken during the year. For example, electronic access to IMS journals was established as a benefit to all individual members. Several new awards were established (Laha Award, Carver Medal), the IMS Bulletin was completely re-designed to take on a new look and a new focus, and the society has continued to function smoothly even after the closing of the offices that were located in Hayward.

Of some concern is the decrease in library subscriptions to IMS journals that was reported by the Treasurer, Julia Norton. In order to better understand the reasons for this decrease, Council members requested that the Executive committee gather information on which journals have been most frequently dropped, and for what reasons.

Mini-successes

Several positive developments were reported by the Program Secretary Susan Murphy. The success of the new mini-meetings is encouraging, and Council

was asked to spread the word and urge young researchers at their institutions and elsewhere to organize mini-meetings, an ideal venue for brain-storming. Compared to other years, the IMS has been asked to organize more invited sessions at meetings organized by other associations, and this is viewed as a very positive development. The Program Secretary reminded Council that in 2006, the IMS will hold its annual meeting on its own, and therefore solicited ideas for a venue for that meeting.

Editors of IMS journals reported that while the number of manuscripts that are submitted for publication have remained more or less constant, the publication delay has decreased in the last year overall, although improvement is still possible (and desirable). As one would expect, the proportion of manuscripts that are submitted electronically has been on a steady rise, and at this moment, well over half of all submissions to IMS journals are made in electronic form.

New Electronic Journal of Statistics

All IMS Standing Committees also provide short reports on their activities during the year. All of those reports are posted on the IMS website at www.imstat.org, and we encourage you to review them. Here, we comment on a motion tabled during the Electronic Issues Committee presentation, since it is

of interest to the IMS membership. The motion, which was passed unanimously, is to establish an electronic journal of statistics. At this time, details on for example, the journal's intended audience and scope, its mission and character, are up for discussion; at some time in the near future, input from the membership will be solicited.

Thoughtful discussion

Perhaps the most momentous discussion at this Council meeting had to do with the 2004 IMS/Bernoulli Society meeting that was to take place in Jerusalem, Israel. As background, the IMS and the Bernoulli Society hold joint meetings every four years, at a venue that is agreed upon by both societies. Several years ago, Jerusalem was identified as a possible site for the 2004 meetings, and a local organizing committee led by Prof Moshe Pollak began with preliminary arrangements. Unfortunately, the recent events in Israel and the region were enough motivation to re-examine the choice of venue for the 2004 meetings. Prof Pollak was invited to discuss this matter with Council representatives and with Bernoulli Society representatives. After much thoughtful discussion, the Council was asked to vote on a motion stating that the 2004 meetings would be held in Israel. The motion was defeated, and thus a new venue must now be identified for the joint IMS/Bernoulli Society meetings to be held in 2004.

Inaugural Meeting of the 2002-03 Council

At the start of the Second Council meeting on Wednesday July 31 in Banff, Keith Crank presented news from NSF, the National Science Foundation.

The Council voted to increase the basic



The 2001-2002 IMS Council.

membership dues to \$75, but to offer a discount of \$15 off regular and regular joint membership to those who pay their dues by December 31. [See *Dues Information on page 7*]

Bulletin Editor Bernard Silverman proposed a new system of voting for Council members by single transferable vote, in the hope that Council will become more representative of the IMS membership. This was approved.

New Council member Alan Karr introduced SAMSI, the newly-formed Statistical and Applied Mathematical Sciences Institute in North Carolina. [See *SAMSI Profile on page 12*]

Abraham Ayebo, U of Reno, Nevada, one of the recipients of the Laha Award, writes about the benefits of attending the Banff Annual Meeting: "It was a great opportunity for me to present a paper at an international conference (my first ever!). Since the presentation was a week before my thesis defense, it also served as excellent preparation for me. I learnt a lot from other speakers and presenters. I enjoyed Professor Leo Breiman's Wald Lectures, especially the one on Machine Learning. Additionally, I had an opportunity to interact with many students and professors from other Universities. I think the Banff Center was an excellent venue for the IMS Meeting. It is a very beautiful place." He said it was "a great honor" to be a recipient of the Laha Award. "Apart from helping to pay my plane ticket," he added, "it has really encouraged me to do more research, and I look forward to such opportunities in future. I think it was a great idea from the leadership of the IMS to institute the Laha Award. I am very grateful to them."



Reports from the Executive Committee: Program Secretary



Susan Murphy writes:

In the following I describe IMS meeting and workshop activities. IMS members

are strongly encouraged to offer suggestions about workshops, meeting sites, chairs, and topics. In addition, those who are organizing meetings and are interested in IMS co-sponsorship are encouraged to do so; please contact me (samurphy@umich.edu) after reading information at the IMS Program Secretary's website: <http://www.stat.lsa.umich.edu/~samurphy/ims/ims.html>

As Program Secretary I would like to see IMS sponsor at least one meeting outside the North American continent every year. Tentative plans are underway to organize a joint meeting with ISBA and possibly RSS. I welcome assistance in this endeavor!

IMS arranged to sponsor or co-sponsor the following meetings in 2002:

International Workshop in Applied Probability

January 14-17, 2002, University of Simon Bolivar, Caracas, Venezuela
IMS Representative: Joseph Glaz, glaz@uconnvm.uconn.edu. Type: Co-sponsored.
<http://iwap2002.eventos.usb.ve/>

ENAR/IMS Eastern Regional

March 15-21, 2002, Washington, DC
Program Chair: Jiayang Sun, Case Western Reserve University, jiayang@sun.stat.cwru.edu; Local Arrangements Chair: Colin Wu, colin@mts.jhu.edu; Contributed Papers Chair: Nidhan Choudhuri, nidhan@nidhan.cwru.edu. Type: Sponsored/Numbered (275). <http://sun.cwru.edu/ims/>

Workshop on Statistical Analysis of Neuronal Data

May 3-4, 2002, Pittsburgh PA
Co-organizers: Emery Brown, Rob Kass.
Type: MiniMeeting. <http://www.psc.edu/biomed/SAND.html>

2002 Spring Research Conference on Statistics in Industry and Technology

May 20-22, 2002, Ann Arbor, MI
Program Chairs: Vijay Nair, U of Michigan, ynn@umich.edu; Derek Bingham, U of Michigan, dbingham@umich.edu; Local Arrangements Chair: Candy Ellis; Contributed Papers Chair: Ravi Khattree, Oakland U. Type: Sponsored/Numbered (276)

Developments and Challenges in bump hunting, mixtures and measurement error models

June 2-4, 2002, Cleveland, Ohio
IMS Representative: Bruce Lindsay, Pennsylvania State U, bgl@stat.psu.edu. Type: Co-sponsored <http://sun.cwru.edu/mix>

WNAR/IMS Western Regional

June 23-26, 2002, Los Angeles, CA
Program Chair: Michael Kosorok, kosorok@biostat.wisc.edu; Local Arrangements Chair: Gang Li, gangli@sunlab.ph.ucla.edu

Type: Sponsored/Numbered (277) <http://www.ph.ucla.edu/biostat/wnarims>

Current Advances and Trends in Nonparametric Statistics

July 15-19, 2002, Crete, Greece

Organizers: Michael G. Akritas and Dimitris N. Politis; IMS Representative: Michael G. Akritas, mga@stat.psu.edu.

Type: Co-sponsored www.stat.psu.edu/~npconf/

IMS Annual Meeting/Fourth International Probability Symposium

July 28-August 2, 2002, Banff, Canada

IMS Program Chair: Tom DiCiccio, Cornell U, tjd9@cornell.edu; Symposium

Co-Chairs: Tom Kurtz, U of Wisconsin, kurtz@math.wisc.edu, Soren Asmussen, U of Lund, asmus@maths.lth.se; IMS

Local Chair: Subhash Lele, U of Alberta, slele@ualberta.ca, IMS Local Chair for the Probability Symposium: Kevin Buhr, U of British Columbia, buhr@math.ubc.ca.

Type: Sponsored/Numbered (278). <http://www.math.wisc.edu/~annprob/banff/banff.htm>

The Research Section of the Royal Statistical Society (RSS) held an Ordinary Meeting at this meeting; the read paper will appear in the Journal of the Royal Statistical Society: Series B (Statistical Methodology) with a full discussion and the author's response. For more information about the paper see <http://www.maths.soton.ac.uk/staff/JJForster/RS/homepage.html>

Joint Statistical Meetings (ASA/IMS/ENAR/WNAR, SSC)

August 11-15, 2002, New York, NY

IMS Program Chair: Zhiliang Ying, zying@stat.columbia.edu; IMS Local Chair: Nicolas Hengartner, Yale U, hengart@stat.yale.edu; Contributed Papers Chair: Anna Amirdjanova, U of Michigan, amir@email.unc.edu. Type: Sponsored/Numbered (279)

Statistical Analysis of Microarray Data at the 2002 Royal Statistical Society general meeting

September 3-6, 2002, Plymouth, UK

IMS Organizer: Mark van der Laan, U of California, Berkeley. Type: IMS Invited Paper Session

The First Cape Cod Workshop on Monte Carlo Methods

September 13-14, 2002, Cape Cod, MA

Organizer: Jun S Liu, Harvard University, Boston. Type: IMS Mini-Meeting. <http://www.people.fas.harvard.edu/~junliu/workshop/index.html>

Statistical Integration of Genetic Information Across Data Domains: Biomedical, Agricultural, and Comparative Genomics

December 2, 2002, U of Alabama

Organizer: David B. Allison, Hemant Tiwari, U of Alabama. Type: IMS minimeeting

Instructional Workshop on Matrix Analytic Method

December, 21 - 22, 2002, Kerala, India

Organizer: A. Krishnamoorthy, Cochin University of Science and Technology. Type: IMS minimeeting <http://www.cusat.ac.in/mam.htm>

At this time IMS has arranged to sponsor or co-sponsor the following meetings in 2003:

International Workshop on Current Trends in Bayesian Statistics

January 6-8, 2003, Indian Statistical Institute, Calcutta, India

IMS Representative: Dipak Dey, dey@stat.uconn.edu. Type: Co-sponsored. www.isical.ai.in/~bwso3

Functional Data Analysis

January 10-11, 2003, Gainesville Florida, U

of Florida

Organizer: Clyde Schoolfield, U of Florida, clyde@stat.ufl.edu. Type: IMS Mini-Meeting. <http://www.stat.ufl.edu/symposium/2003/fundat/>

Seminar on Stochastic Processes 2003

March 27-29, 2003, U of Washington, Seattle

IMS Representative: Chris Burdzy, burdzy@math.washington.edu. Type: Co-Sponsored. <http://www.math.washington.edu/~burdzy/SSP2003/>

ENAR/IMS Eastern Regional

March 30-April 2, 2003, Tampa, Florida

Program Chair: Daniel Scharfstein, Johns Hopkins University, dscharf@jhsp.edu; Contributed Papers Chair: Karl Broman, Johns Hopkins University, kbroman@jhsp.edu. Type: Sponsored/Numbered (280)

Machine Learning Methods from a Statistical Perspective at the Statistical Society of Canada's Annual Meeting

June 8-11, 2003, Halifax, Canada

IMS Organizer: Yi Lin, U of Wisconsin, yilin@cs.wisc.edu. Type: IMS Invited Paper Session

Shape-Restricted Inference at the Statistical Society of Canada's Annual Meeting

June 8-11, 2003, Halifax, Canada

IMS Organizer: Mary Meyer, U of Georgia, mmeyer@stat.uga.edu. Type: IMS Invited Paper Session

WNAR/IMS Western Regional

June 22-25, 2003, Colorado School of Mines, Golden, CO

Program Chair: Naisyin Wang, Texas A&M nwang@stat.tamu.edu; Local Arrangements Chair: Jan Breidt jbredt@stat.colostate.edu, and Jan Hannig, hannig@stat.colostate.edu. Type: Sponsored/Numbered (281)

First Joint ISBA-IMS Meeting

July 24-26, 2003, Intercontinental Hotel, Isla Verde, San Juan, Puerto Rico.

Joint Program Chair: M.J. Bayarri, Universitat de Valencia, susie.bayarri@uv.es; Local Arrangements Chair: Luis Pericchi, University of Puerto Rico, pericchi@goliath.cnnnet.clu.edu. Type: Sponsored/Numbered (282)

IMS New Researchers Conference

July 29-August 2, 2003, University of California, Davis

IMS Program Chair: Richard Levine (University of CA, Davis) levine@wald.ucdavis.edu; IMS Local Chair: Juanjuan Fan (University of CA, Davis) jjfan@wald.ucdavis.edu. Type: Sponsored / Numbered (283) <http://anson.ucdavis.edu/~levine/NRC/>

Joint Statistical Meetings (ASA/IMS/ENAR/ WNAR/SSC)

August 3-7, 2003, San Francisco, CA
IMS Program Chair: Jane-Ling Wang, U of CA, Davis wang@wald.ucdavis.edu; IMS Local Chair: Contributed Papers Chair: Lutz Duembgen lutz.duembgen@stat.unibe.ch. Type: Sponsored/Numbered (284)

The Analysis of Gene Expression Data at the International Statistical Institute, 54th Biennial Session

August 13-20, 2003, Berlin
IMS Organizer: Mike West, Duke University, mw@stat.duke.edu. Speakers are Rainer Spang spang@molgen.mpg.de, Max Planck Institut fuer Molekulare Genetik; Sandrine Dudoit, sandrine@stat.berkeley.edu of UC Berkeley, and Mike West. Type: IMS Invited Paper Session

At this time IMS has arranged to sponsor or co-sponsor the following meetings in 2004:

Joint Statistical Meetings (ASA/IMS/ENAR/ WNAR)

August 8-12, 2004, Toronto, Canada
IMS Program Chair: Michael Evans, U of Toronto, mevans@utstat.utoronto.ca; Contributed Papers Chair: . Type: Sponsored/Numbered

Future JSM meeting locations are Minneapolis (2005), Seattle (2006).

The general meeting patterns of IMS are

- The IMS Eastern Regional Meeting is held jointly with Biometrics Society (ENAR) in late March of each year.
- The IMS Western Regional Meeting is held jointly with the Biometrics Society (WNAR) in late June of each year.
- In every odd numbered year, the IMS Annual Meeting is held in August concurrently with the Joint Statistical Meetings.

- In every leap year, the IMS Annual Meeting is held jointly with the Bernoulli Society. It is understood that the Bernoulli Society takes the lead in site selection, but that IMS participates equally in developing the scientific program. Colleagues in Barcelona have expressed an interest in hosting a future meeting.
- In every leap year plus two, the IMS Annual Meeting is set at the discretion of Council. The year 2002 annual meeting will be in Banff, Canada, and will coincide with the Fourth International Probability Symposium.
- The North American Meeting of New Researchers is held in odd years, usually in the proximity of the corresponding Joint Statistical Meeting/IMS Annual Meeting.
- The Spring Research Conference on Statistics in Industry and Technology is held annually in May or June.

The town of Banff, seen from Sulphur Mountain. The Banff Centre lies in the wooded lower slopes of Tunnel Mountain, the smaller mountain in the center of the picture, with Bow River flowing past below



Reports from the Executive Committee:

Treasurer's Report, Mid-Year FY 2002

Julia Norton writes:

INTRODUCTION

Once again in 2001, the IMS increased its membership. Overall, we experienced nearly a 1.5% rise in membership, continuing an upward trend. The IMS Council has worked to incorporate new programs to entice members to join and to stay.

Last year, the IMS instituted staggered New Graduate rates to allow graduates a gradual increase in membership rates as they become regular members. The first year after graduating they pay \$20 dues, the second year they pay \$40 and the third year, they pay full individual dues. In 2001, we had 93 new graduates take advantage of this opportunity. In 2002, we have already have 90 new graduate members. This year, the IMS re-instituted Life membership and Life subscriptions as a payment option for members. Through the end of May, 2002 38 members have taken advantage of this offer. The IMS Council will be reviewing some additional programs for next year to encourage retention among our membership.

The IMS added one new major membership benefit in 2002. All IMS individual members now receive gratis electronic access to all IMS journals past and present via Project Euclid and JSTOR. Project Euclid maintains all our journals back to 1996. In addition, new issues are posted as soon as they go to press. Project Euclid access is available to all members. JSTOR houses all our journals that are more than five years old. Members who do not already have access to JSTOR through their institution are given complimentary access.

MEMBER, NON-MEMBER AND SUBSCRIPTION DATA

2001 Calendar Year End:

Final census data for 1998-2001 calendar

year ends are listed in Table 1.

Membership increased 1.46% overall and member subscriptions to the IMS journals were up 2.49%. In 2001, we experienced an increase in individual members and an overall increase in membership. We are very concerned about the large decrease in non-member subscriptions in 2001. We have begun researching the organizations that dropped membership and we plan to market to these groups to see if we can bring them back. We also hope that the release of electronic access to non-members will help us to recruit and maintain subscribers.

2002 Memberships and Renewals (as of 5/31/2002):

Table 2 [on the next page] shows the census data for 2002 memberships through 5/31/2002.

This membership and subscription data is consistent with the data from last year. If the same trend is maintained, we will continue to increase membership and member subscriptions in 2002. Non-member subscriptions are stable this year as compared to last year, so we expect to avoid another decline in 2002.

Table 1.: Calendar Year End Member and Non-Member Data

	1998	1999	2000	2001	% change
Individual	3097	2898	2777	2820	1.55%
Life	11	11	10	8	-20.00%
New Graduate	n/a	n/a	n/a	93	n/a
Student	182	228	478	395	-17.36%
Organizational	98	100	96	94	-2.08%
Total	3388	3237	3361	3410	1.46%
SUBSCRIPTIONS					
Members	1998	1999	2000	2001	% change
AAP	1048	911	911	902	-0.99%
AOP	1139	1007	918	952	3.70%
AOS	2107	1950	1904	1992	4.62%
STS	2691	2672	2661	2707	1.73%
Non-members	1998	1999	2000	2001	% change
AAP	777	799	779	680	-12.71%
AOP	1148	1127	1121	983	-12.31%
AOS	1512	1481	1454	1305	-10.25%
STS	1180	1156	1258	1068	-15.10%
Bulletin	249	284	320	259	-19.06%
Total Subscriptions	1998	1999	2000	2001	% change
AAP	1825	1710	1690	1582	-6.39%
AOP	2287	2134	2039	1935	-5.10%
AOS	3619	3431	3358	3297	-1.82%
STS	3871	3828	3919	3775	-3.67%
Bulletin	3735	3621	3777	3763	-0.37%

Table 2: 2002 Member and Non-Member Data (5/31/02)

MEMBERS	
Regular	2023
Joint	36
Reduced Country	133
Gift Recipients	22
Retired	224
Life	38
New Graduate	90
Student	353
Total Individual	2919
Corporate	0
Institutional	91
Total	3010
SUBSCRIPTIONS	
Members	
AAP	763
AOP	833
AOS	1728
STS	2376
Non-Members	
AAP	648
AOP	929
AOS	1190
STS	979
Bull	225
Total Subscriptions	
AAP	1411
AOP	1762
AOS	2918
STS	3355
Bull	3326

Publications:

As of May 31, 2002, fiscal year sales for CBMS volumes are at 304, down slightly from last year due when a new CBMS volume was published. LNMS volumes have sold 780. Three new volumes have been published in FY2002. This figure is higher than FY2001 sales due to increased publications.

Reports from the Editors: Annals of Applied Probability

Søren Asmussen writes:

There were 136 submissions in 2001, compared to 134, 183, 145, 170 in 1997-2000. At this point, June 1 2002, submissions are slightly up again: 69 papers have been received compared to 60 at the same time in 2001 and 69 in 2000.

Of the 136 submissions, 29 were rejected immediately as being unsuitable for the journal or of low quality, 33 were rejected after a normal reviewing procedure, 46 are accepted or in the revision stage, and 29 are still waiting for a first response from the associate editor or referee.

14 of these 29 were submitted in the first 9 months of 2001, and the long tail in the reviewing time continues to be a main problem. In contrast, the mean and median are of the order 5-6 months which appears quite reasonable.

The year 2001 was not very different from previous ones concerning distributions of submitted papers on areas like mathematical finance, mathematical physics, biological models, queueing theory and others. No great changes have so far appeared in 2002 either.

Also the publication time remains about the same, about 12 months to publication for a paper which is finally accepted now. Therefore the page allocation of 1400 seems still to be appropriate.

Jesper Møller and Albert Shiryaev have left the board, Thomas Mikosch has joined.

Reports from the Editors: Annals of Probability

Tom Kurtz writes:

Editorial Staff: The Associate Editors of the Annals of Probability are:

Robert Adler	Kurt Johansson	Jan Rosinski
Richard Bass	Rajeeva L. Karandikar	Boris Rozovskii
Gerard Ben Arous	Wilfrid S. Kendall	Jeffrey Steif
Rabi Bhattacharya	James Kuelbs	Shuenn-Jyi Sheu
Paul Dupuis	Makoto Maejima	Simon Tavaré
John Einmahl	Sylvie Meleard	Balint Toth
Janko Gravner	Peter Ney	Maria Eulalia Vares
David Griffeath	Esa Nummelin	Jia-an Yan
Elton P. Hsu	Philip Protter	Joel Zinn

Other editorial staff include the Book Review Editor, Sandy Zabell, the Editorial Assistant, Carolyn Kurtz, the Managing Editor, Michael Phelan, and the Production Editor, Patrick Kelly.

Submissions: 181 submissions were received during the second year under the current editorial board, down from the 200 received during the first year.

Final action has been taken on a total of 271 papers over the two years. Of these, 110 have been accepted, 156 rejected, and 5 withdrawn.

Electronic submissions: Well over half of the submissions come initially in electronic form. We request electronic versions for all submissions and are able to process approximately 95% of all submissions electronically.

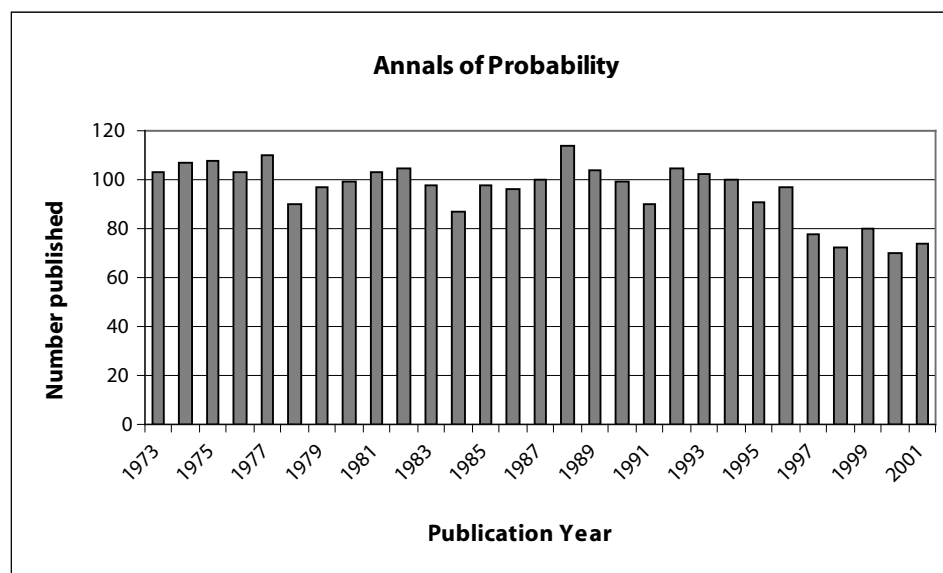
Backlog: Enough papers have been accepted to fill the issues through April 2003.

Web Page: The Annals web page, <http://www.math.wisc.edu/~annprob/>, contains instructions for authors, links to useful resources for authors, and a list of accepted papers. Authors of accepted papers are invited to provide a link from the Annals web page to a URL site for the paper. About 50% of authors do.

Online Access: Along with the other IMS journals, the Annals of Probability can now be accessed over the web. The journals are made available through Project Euclid: <http://projecteuclid.org/Dienst/UI/1.0/Journal?authority=euclid.aop>

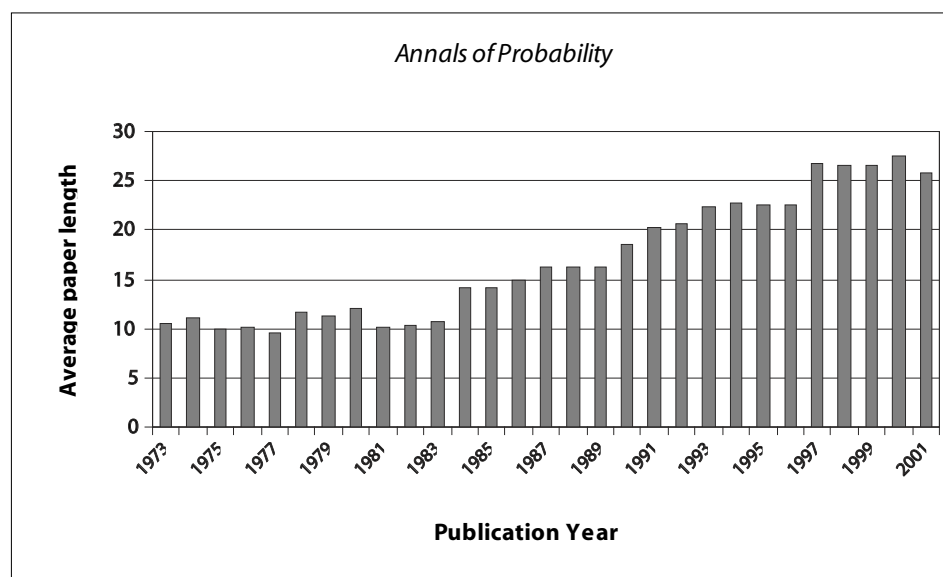
Individual member of the IMS can currently get access, with access for institutional subscribers to follow. The last time I looked, there was still a three-issue gap between the postings on Project Euclid and those on JSTOR, but this gap will eventually be filled. Chris Burdzy is the IMS representative on the project and deserves the thanks of all IMS members and readers of the journals. I think that this innovation is critically important for the long-term health of the journal.

Trends: I do not have data on numbers of submissions in prior years; however, one can easily get numbers of papers published. Since its creation in 1973 there has been some decline in the number of papers accepted.



The decline in the number of acceptances has been more than offset by the growth in the average length of the papers published

I noted some time ago that the average length of papers published in the Annals is much greater now than when the journal began. I had not previously noted that the length was stable for the first ten years and then started growing rapidly. When told about the increase in average length, most people suggest, at least half seriously, that it reflects the development of LaTeX. In fact, the period of growth of average length does correspond to the period during which computers became standard on researcher's desks. Other suggestions include the emergence of probability as a "mature subject" and the related increase in technicality of the subject matter.



Reports from the Editors: Annals of Statistics

John I. Marden and Jon A. Wellner write:

SUBMISSIONS: The yearly totals for submissions from 1993 through 2001 were 355, 329, 328, 321, 345, 344, 283, 292, and 274. These totals are staying consistently lower than the totals for the previous 12 years, which steadily ran about 375 per year. For the first four months of 2002 there were 107 submissions. Our editorial policy states clearly that we welcome not only submissions in mathematical statistics and statistical methodology, but also on the role of statistics in interdisciplinary investigations and on computational aspects of statistics. Proactive options are, however, limited by the fact that we try to avoid solicitations that might compete with Statistical Science. We are now accepting electronic submissions in either postscript or pdf formats. Electronic submission of manuscripts has been increasing: 124 (45%) of our 274 submissions in 2001 were electronic, while 58 (74%) of the 78 new submissions in the first three months of 2002 were electronic.

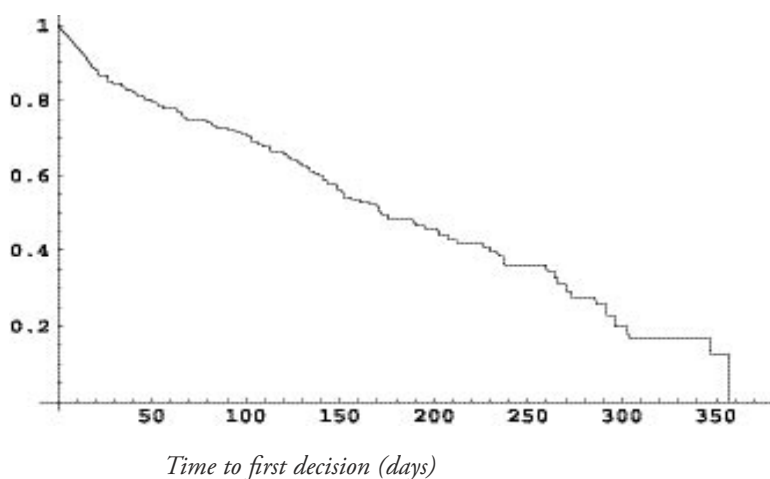
ACCEPTANCE RATE: The historical acceptance rate for the Annals has been about 28%. Our acceptance rate, estimated from articles received during 2000, is 29%. The acceptance rate estimated from articles received during 2001 is about 30%.

BACKLOG: Last year we reported a negative backlog. That is no longer the case. We are now filling volumes a full six months in advance of the official volume date, as is needed for on-time production. The sizes of recent volumes are 1998 (2469); 1999 (2080); 2000 (1795); 2001 (1811). We expect to print between 1900 and 2000 pages in 2002 and 2003.

PAGE REQUEST: Because of the above situation, the current 2500 page allotment will be easily sufficient as the allotment for next year, and this is a desirable (though probably not attainable) target.

WEB PAGE: The Annals web page is being maintained at the University of Washington. It contains features such as tables of contents of back issues, up-to-date lists of accepted papers, and linking of accepted papers to authors' URL sites. We also have pages for the use of the editorial board, and links to the web pages of Associate Editors, as available.

REVIEW TIMES: About 90% of submissions now receive an initial decision within one year. The quartiles of the distribution of initial decision times are 65 days, 171 days, and 290 days. For those interested in finer details of the review times, the following graph gives an estimate of the 'survival curve' of initial decision times.



We are making efforts to shorten the upper tail of this distribution, with the cooperation of our board of Associate Editors and reviewers.

ACKNOWLEDGMENTS: We would like to thank our Editorial Coordinators Janet Wilt and Nasrin Ghavari, and our Associate Editors, Oernulf Borgan, Larry Brown, Rainer Dahlhaus, Anirban DasGupta, Holger Dette, John H. J. Einmahl, Jianqing Fan, Friedrich Goetze, Peter Hall, Vladimir Koltchinskii, Regina Liu, Enno Mammen, Adam Martinsek, Thomas Mathew, Xiao-Li Meng, Rahul Mukerjee, Michael Perlman, Dominique Picard, Nancy Reid, Donald Richards, Christian Robert, Peter Robinson, Trevor Sweeting, Elizabeth Thompson, David Tyler, Sara van de Geer, Aad van der Vaart, Larry Wasserman, Alan Welsh, Yi-Ching Yao, Zhiliang Ying, and Bin Yu for their dedicated and unflagging service to the IMS. Jan T.A. Koster of Erasmus has recently been added to the board. The quality of the final product owes a tremendous amount to the efforts of the managing editors Barry Arnold (whose term ended on December 31, 2001) and Paul Shaman (whose term started on January 1, 2002), and to Patrick Kelly and the production team. We would also like to thank numerous conscientious and constructive referees without whom our task would be impossible to complete.

Reports from the Editors: Electronic Journal of Probability (EJP) & Electronic Communications in Probability (ECP)

Richard Bass & Wilfrid Kendall write:

As the two editors of EJP and ECP respectively, we present a joint report on the activities of our twinned electronic journals.

The numbers of papers submitted to EJP in all years since the inception were as follows:

1995: Submitted 11 Published 0

1996: Submitted 19 Published 14 (Vol. 1)

1997: Submitted 23 Published 8

1998: Submitted 32 Published 7

1999: Submitted 31 Published 19

2000: Submitted 43 Published 17

2001: Submitted 45 Published 26

For submissions in 2001 that have been accepted or rejected, the time to reach a decision averaged 4.5 months.

The analogous numbers for ECP were:

1995: Submitted 7 Published 0

1996: Submitted 10 Published 9 (Vol. 1)

1997: Submitted 12 Published 7

1998: Submitted 17 Published 12

1999: Submitted 30 Published 14

2000: Submitted 22 Published 17

2001: Submitted 34 Published 12

For submissions in 2001 that have been rejected or accepted, the time to reach a first decision (reject/accept/revise) averaged 54 days.

Reports from the Editors: Statistical Science

George Casella writes: In the period June 1, 2001–May 30, 2002, there were a total of 50 new manuscripts submitted to Statistical Science, as compared to 54, 38, and 43 for the previous three periods. Of the 50 papers, 25 were rejected, 2 are tentatively accepted, 4 are accepted, and 19 are under review. Unfortunately, our processing time incurred delays due to the unfortunate death of Prof Tweedie. The IMS owes a large debt to the effort that Prof Morris Eaton put into recreating the files and correspondence of Prof Tweedie.

We have been working hard to create a backlog so that the issues of Statistical Science can get back on schedule and actually appear in the month whose date appears on the cover. We are closing in on this, as the May issue will be out before the end of June, and the August issue is almost complete as of the writing of this report.

A number of special issues or special sections have been planned and are currently in the works. These will be collections, ranging from two or three papers to an entire issue, on a particular topic. Guest editors are handling some, and the Executive Editor is handling some.

In the works so far are:

Topic	Guest Editor	Planned Publication
Elections	none	2002
25th Anniversary of the Bootstrap	none	2003
Astronomy	Wasserman	2003
Bayes Then and Now	Robert	2003
Microarrays	none	2003
Envirometrics	Piegorsch	2004
Tukey Issue	Wainer	2004

Month	Received	Rejected	Under Review	Tentatively Accepted	Accepted
June 2001	3	2			1
July 2001	7	5	2		
August 2001	2	1			1
September 2001	5	3	2		
October 2001	2	2			
November 2001	1			1	
December 2001	4	2	2		
January 2002	7	2	4		1
February 2002	4	2	2		
March 2002	6	3	2	1	
April 2002	4	1	3		
May 2002	5	2	2		1

I wish to acknowledge the efforts of my editorial assistant, Helen Chen, and of the Editorial Board: Roger Berger, Alicia Carriquiry, Ron Christensen, Leon Gleser, Sallie Keller-McNulty, Jon Kettinring, Sally Morton, Doug Nychka, Christian Robert, and Jim Rosenberger.

Reports from the Editors: IMS Bulletin

Bernard Silverman writes:

At the time of writing [April 2002], only two issues of the new format Bulletin have been produced, and the third one is in preparation. Largely thanks to the talent, effort and commitment of Assistant Editor Tati Howell, the changeover to the new format has been extremely smooth, and we have had a great deal of positive feedback so far. Tati's job description includes that of previous Composition Editors, but has been broadened considerably. She shares with me the tasks of direct communication with authors, as well as editing and—in some cases—ghost writing of articles. As she gets to know IMS better, we expect that she will be involved in the direct solicitation of appropriate material, and writing her own articles about IMS activity; to assist in this process, she will be attending the Banff meeting and will be at the Council meetings in order to meet people there. Please introduce yourselves and make her welcome. Of course, the final decision about what is published in the Bulletin remains with the Editor.

By the time this report is presented in Banff, we expect a new web site to be

up and running. All issues of the new format Bulletin will be made available in pdf format as soon as they are sent to the printer (in practice about three weeks before members receive paper copies.) The work involved in the redesign and in the rethink of what goes in to the Bulletin had to take first priority.

While we believe that we have made a good start in terms of gathering interesting material for the Bulletin, we need support in continuing this. To this end we suggest the following:

1. Can Council members please keep a continual eye out for suitable topics for Bulletin articles? If each Council member could originate, suggest, or even write, one or two articles during their time on Council, we would have an excellent pool of material. Letters that will provoke further debate on appropriate issues are very welcome, as are interesting reports on meetings and other statistical matters.
2. More controversially, we would like Council to consider whether IMS Medallion Lecturers and named lecturers should be expected to write



Editors of IMS publications, at the Editors' Luncheon in Banff

a short Bulletin article, preferably in advance, introducing their topic to the general IMS audience.

3. It would be good if the Editors of the Annals, and of Statistical Science, might consider writing, or soliciting direct from authors, occasional readable Bulletin columns drawing attention to particularly interesting forthcoming articles in their journals.

We are very grateful for the Council decision about the discontinuance of the publication of Abstracts, and we hope that the Bulletin will start to generate significant additional advertising revenue. But, most importantly, the interest of the Bulletin to IMS members really depends on the input of a wide range of people; all suggestions will be very gratefully received.

Looking for a new position?
Turn to page 33 for 12 pages of
**job
adverts**

Reports from the Editors: Managing Editor, Probability

Michael Phelan writes:

Publication of AAP and AOP went smoothly and near timely for the year. We note that AOP 30 (1) January went to press 3/27/02 and AOP 30 (2) April went to press 6/3/02. Also, AAP 12 (1) February went to press 3/7/02. The following table reflects productive activity for AAP and AOP for January 2001 through June 2002.

The Annals of Probability

Month	Year 2001 Printed Pages	Year 2002 Printed Pages
January	575	482
April	424	519
July	404	N/A
October	498	N/A
Total	1901	N/A
Authorized by Council	2000	2000

The Annals of Applied Probability

Month	Year 2001 Printed Pages	Year 2002 Printed Pages
February	300	421
May	269	374
August	435	N/A
November	380	N/A
Total	1384	N/A
Authorized by Council	1400	1400

Reports from the Editors: Managing Editor, Statistics

Paul Shaman writes:

I want to thank Barry Arnold for his service as Managing Editor during the past three years, and Patrick Kelly for his continuing work as Production Editor. Production has been considerably streamlined in recent years, in large part attributable to the efforts of Barry and Patrick. Almost all manuscripts are being submitted by authors in TeX, and the page proofs which come to my attention are generally in very good shape, having been edited and composed with care by those responsible for production. And authors are prompt and helpful when queried.

Issues of *The Annals of Statistics* are now appearing very close to cover date. The April 2002 issue went to press on May 10th. Lineups for all remaining 2002 numbers have been set. Two memorial issues are scheduled. June is dedicated to Lucien Le Cam and December to John Tukey. The current backlog is low, a little more than two issues.

As of this writing (May 28th) the February 2002 issue of *Statistical Science* has been proofread and is expected to go to press soon. The May 2002 lineup is set, with all but two manuscripts in hand.

The following tables give page counts for the past two years.

The Annals of Statistics

Issue	2000 printed pages	2001 printed pages
February	335	294
April	329	300
June	294	323
August	283	270
October	257	348
December	293	275
Total	1791	1810
Authorized by Council	2500	2500

Statistical Science

Issue	2000 printed pages	2001 printed pages
February	94	100
May	98	98
August	120	111
November	98	81
Total	410	390
Authorized by Council	450	450

The February 2001 and April 2001 issues of *The Annals of Statistics* have 323 and 292 pages, respectively

Reports from the Editors: Lecture Notes—Monograph Series

Joel Greenhouse writes:

The series continues to serve the membership by providing a venue for publication of proceedings from scientific conferences, festschrift, and lecture notes. The following volumes were published since the last report:

SELECTED PROCEEDINGS OF THE SYMPOSIUM ON INFERENCE FOR STOCHASTIC PROCESSES, Vol. 37

Editors: I V Basawa, C C Heyde, R L Taylor

MODEL SELECTION, Vol. 38

Editor: P Lahiri

R. R. BAHADUR'S LECTURES ON THE THEORY OF ESTIMATION, Vol 39

Editors: Stephen Stigler, Wing Hung Wong and Daming Xu

Currently, there are 3 volumes with papers under review.

The following table provides a sense for the rate of publication over the last 3.5 years and for the types of topics:

VOL	YEAR	TITLE
33	1999	Statistics in Molecular Biology & Genetics
34	2000	New Developments & Applications in Exp Design
35	2000	Game Theory, Optimal Stopping, Probability and Statistics: Papers in Honor of Thomas S. Ferguson
36	2001	State of the Art in Probability and Statistics: Festschrift for Willem R. van Zwet
37	2001	Selected Proceedings of the Symposium on Inference for Stochastic Processes
38	2001	Model Selection
39	2002	R. R. Bahadur's Lectures on the Theory of Estimation

Recommendation for Consideration:

A number of these volumes are of considerable interest beyond the IMS membership, e.g., Vol 38 and 39 to mention just two. We should be more active in promoting the series to the statistics profession in general.



IMS members socialising in Banff

Reports from the Editors: Production Editor

Patrick Kelly writes:

The journals are currently [June 2002] running about 2-3 months behind schedule. This is an improvement over last year but obviously still needs to be better. We have a schedule that is working well for the editors. However, due to the additional time needed by the managing editors to read page proofs, the schedule still needs to be adjusted to accommodate everyone while still allowing us to publish in a timely manner. By the end of the year we should be on or close to on schedule.

There are two significant changes to report this year. First, in October 2001, Geri Mattson, our contact person at

Technical Typesetting, decided to leave TTI and start her own publishing company. Since she was the one person at TTI who knew our journals, the decision was made to move business of typesetting the journals from TTI to Mattson Publishing Services. She coordinates authors' latex files and corrections and oversees the typesetting, which is done by a company called VTEX in Vilnius. The change went smoothly and we are now working on reducing the amount of time it takes to produce the journals. VTEX is very accommodating and is willing to work with author files in whatever state they arrive, thus eliminating the need for the somewhat cumbersome

IMS macros previously in use. The amount of corrections have also decreased significantly since all tex files received are used. (Almost every paper published this year has been from a tex file supplied by the authors.)

The second change is that we no longer send galley proofs to authors by mail. VTEX prepares a pdf version of the papers and authors download the galley proofs and email their corrections. This has been a huge benefit since authors are assured of receiving their galley proofs and we are assured of receiving corrections. Authors have the option of receiving galley proofs by regular mail, but so far very few people have requested this.

Reports from the Committees: Electronic Issues

Guy Nason (Chair of the Electronic Issues Committee) writes:

Remit

When constituted in 1997 the remit of the EIC was “for looking into issues surrounding electronic publishing and electronic issues pertaining to the IMS Business Office”. We propose to delete “Business Office” from this remit since the Business Office is no more.

Electronic Publishing

This year saw the culmination of several years of hard work by members (and past members) of the committee in arranging for the IMS journals to be accessible soon after publication in electronic form via the Web. The IMS chose to become a Development Partner of Project Euclid and the IMS journals are now freely accessible to the IMS membership. The online IMS

journals can be accessed at the URL <http://projecteuclid.org>

Every IMS member should have received an email from the Executive Director containing instructions on how to access the Euclid journals free of charge. Non-members of the IMS will also be permitted to view IMS journal articles on a “pay-per-view” basis at the planned rate of \$15 per article. Up until now IMS’s participation in Euclid has been free. However, from 2003 a funding model will be established in consultation with participating publishers. One of the current models will permit discounts to members in developing countries along the lines of a scheme designed by JSTOR.

Through our membership of Project Euclid the IMS is also a participating publisher in CrossRef ([http://](http://www.crossref.org)

www.crossref.org) Our membership enables retrieval of cited IMS articles by clicking on active references presented in any article published by non-IMS CrossRef-participating publishers.

Individuals, as well as institutions, can now access older IMS journals through private payment to JSTOR.

Website

The IMS Website has a separate report.

Other Business

Other ad-hoc issues were discussed throughout the year including: a new electronic journal (although it was not clear what market this would serve, especially since the IMS & other leading societies journals are now online) and developing electronic IMS members chatrooms on the Institute’s web pages and discussing whether this would be useful.

Reports from the Committees: Fellows

Donald Richards (Chair of the Committee on Fellows) writes:

The 2002 IMS Fellows Committee received nominations for 35 candidates in mid-February. My colleagues and I completed our review and discussion of nominations in late March, and I now wish to submit our final report.

Following our individual reviews of the submissions and some preliminary discussion, each committee member provided an initial rating of each candidate on an agreed scale. This was followed by a period of more intense discussion of individual cases, and continued to a final categorization of the 35 into two groups. We recommend the first group of 14 candidates - those named below - be elected to IMS Fellowship this year. We further

recommend that the nominations of the remaining 21 be declined.

The 14 candidates recommended for election to Fellowship are: **A. Bose, N. H.Chan, X. Chen, D. Dabrowska, A. Dean, A. Dembo, X. He, T. Hsing, R. Kohn, N. Mukhopadhyay, Y. Nikitin, M.B. Rao, Y.-C. Yao, V. Yohai**

Of the 21 candidates not recommended for fellowship, the committee felt that a number will almost surely represent a stronger, and very likely acceptable case within a short few years.

Based on our work this year (and, for some of us, during the preceding two or three years) we again find it necessary to comment on the requirements for nominators. One nomination was submitted with only an abbreviated

curriculum vitae for the candidate; and in other instances, a few nominators wrote supporting letters for multiple candidates but with little indication of a relative ranking, if any, for those candidates. Situations such as these led to extended discussion among the committee, and led to committee members having to go out of their way to understand the merits of the case (by reviewing publication databases, exploring citation indices, etc.). My committee members were most gracious in furthering the discussion by going the extra mile to obtain the additional information; however, our consensus view is that such efforts should not be an expected part of the process. A fully prepared and presented nomination, with more adequate documentation, would preclude this. In

at least one instance, we believe that a candidate was seriously disadvantaged by the presentation of a nomination package without a complete vitae.

The published IMS guidelines for nominations are deliberately flexible, and the committee fully appreciates the rationale for that. However, based on the above comments about our experiences this year, we reiterate that the process would be improved – for both the committee and the nominees – were nominators to pay close attention to the guidelines, even to the extent of “going the extra mile,” if necessary. In particular, we again request the IMS to remind nominators that a complete nomination must include a reasonably complete curriculum vitae. Moreover, in

cases in which a writer chooses to provide supporting letters for multiple candidates, it would be most helpful were the writer to provide the committee with comparisons of the candidates.

With this report, I believe that the process of review of the 2001 Fellowship nominations is complete.

Finally, as chair of the committee, I want to say that my colleagues have provided an invaluable service to the Institute. All committee members were fully engaged in the process, were diligent in reviewing the nominations, and worked conscientiously to obtain a complete and candid discussion of the nominees, thereby leading to a fair and consensual process.

You can nominate somebody for Fellowship of IMS using the form on page 5.

Please read the accompanying instructions!

Reports from the Committees: New Researchers

Victoria Chen (Chair of the Committee on New Researchers) writes:

Current New Researchers Committee Members:

Until July 2002: Victoria Chen, U of Texas, Arlington, vchen@uta.edu; Richard Levine, U of California, Davis, rlevine@ucdavis.edu; Jason Osborne, North Carolina State U, osborne@stat.ncsu.edu

Until August 2003: Wilfredo Palma Manriquez, Pontificia Universidad Católica de Chile, wilfredo@mat.puc.cl; Marina Vannucci, Texas A&M U, mvannucci@stat.tamu.edu; Stas Volkov, U of Bristol, UK, S.Volkov@bristol.ac.uk

Until August 2004: Juanjuan Fan, U of California, Davis, jjfan@ucdavis.edu; Chris Volinsky, AT&T, volinsky@research.att.com; Shane Reese, Los Alamos National Laboratory, reese@lanl.gov

Sixth North American Meeting of New Researchers (2003 NRC):

U of California, Davis Campus, Davis, California, July 30 – August 2, 2003 (Wednesday-Saturday)

2003 NRC Organizers:

Program Chair: Richard Levine (U of California, Davis); Local Arrangements Chair: Mitch Watnik (U of California, Davis); Conference Organizers: Juanjuan Fan (U of California, Davis),; Shane Reese (Los Alamos National Laboratory), and Chris Volinsky (AT&T). Webmasters: Richard Levine and Mitch Watnik (U of California, Davis)

2003 NRC Planning Progress:

Speakers: The 2003 NRC has tentatively planned for four senior speakers. Accepted invitation: Jessica Utts (U of California, Davis)
Facilities: The conference will take place in Memorial Union.

Funding: Grant proposals will be submitted to cover conference costs and travel reimbursements for attendees.

Submitted October 2001: NSA (contact:

Rosalie J. Smith), requested \$10,000

Submit by September 2002: NSF (contact: Keith Crank)

ONR (contact: Wendy Martinez)

NIH (contact: Ram Tiwari)

Publicity: The 2003 NRC will submit a conference announcement to be distributed at the 2002 JSM.

Free listings of conferences are available via the ASA and IMS webpages.

Proposed Plan for 2004 NRC and Subsequent Annual NRCs

The New Researchers Committee seeks to initiate an annual NRC, starting with a 2004 NRC in Toronto, Canada. To facilitate this, the 2003 NRC organizers plan to submit multi-year conference grant proposals to NSF, ONR, and NIH. Potential organizers for a 2004 NRC are currently being sought.

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Reports from the Committees: Nominations

Vijay Nair writes:

The nomination process went smoothly overall. There were some last minute problems when one of the candidates decided that he did not want to run after all, so we had to scramble to get a replacement in time. I do have some suggestions for improving the voting procedures that I can pass on to next year's committee.

In general, this year's committee was a lot less active and engaged in discussions. Last year, we had extended discussions on process, the rationale on selecting a single candidate for president, criteria for candidates, etc. This year's committee was very disengaged for the most part. While this may make the committee chair's job a lot easier, it is also a lot less interesting and fruitful.

Part of the reason for this may be the composition of the committee. Many of younger members were either reluctant to voice their views or were relatively uninformed about most of the candidates. The goal of electing a diverse slate for council can still be accomplished by having more active and knowledgeable people on the committee (including senior members) who are aware of the importance of diverse representation.

Reports from the Committees: Select Probability Editors

J. Michael Steele writes:

The IMS Committee to Select Probability Editors was constituted several months ago and was charged with the responsibility of creating a slate of editors for the *Annals of Applied Probability*, the *Annals of Probability*, the *Electronic Journal of Probability*, and *Electronic Communications in Probability*. The committee consisted of Tom Liggett, Rick Durrett, Burgess Davis, Tony Cai (via IMS Editorial Committee), Ching-Shui Chen (via IMS Editorial Committee), and J. Michael Steele as Chair.

The committee is pleased to present for the approval of the IMS council the following nominations:

Robert Adler for the *Annals of Applied Probability*

Steve Lalley for the *Annals of Probability*

Ted Cox for the *Electronic Journal of Probability*

Martin Barlow for the *Electronic Communications in Probability*.

Additionally the Committee was invited by President Iain Johnstone to assist in the recruiting of a managing editor for *EJP/ECP*. The committee is pleased to nominate **Zhenqing Chin** for this position.

Finally, at the suggestion of President Iain Johnstone, the committee has taken steps to permit the terms of future editorship of *EJP/ECP* to be staggered. Accordingly, if approved by the council, Ted Cox will serve from the point he takes his post (which is not later than January 1, 2003) to December 31, 2004, while Martin Barlow will serve from the point he takes his post (which is not later than January 1, 2003) to December 31, 2005. Both Cox and Barlow have expressed their willingness to take up their positions as early as the summer of 2002. This early transition has been requested by Kendall and Bass who have already served longer-than-usual terms.

Reports from the Committees: Special Invited Papers

Ruth J. Williams (Chair of the Committee on Special Invited Papers) writes:
Charge.

The committee was charged to select the Wald and Le Cam Lecturers and eight Medallion (formerly Special Invited Paper) lecturers for 2003.

Membership.

The committee was composed of appointed members Jianqing Fan, Malay Ghosh, Davar Khoshnevisan, Claudia Neuhauser, William Sudderth, Alexander Tsybakov, Larry Wasserman, Ruth Williams (Chair) and Bin Yu, together with ex officio members Soren Asmussen, Thomas Kurtz, John Marden, Susan Murphy, George Casella and Jon Wellner.

Selection Process.

The business of the committee was conducted entirely by email. The selection process consisted of:

1. Nominations by committee members, resulting in 13 nominees for the Wald Lecturer, 13 for the Le Cam lecturer and 48 for the Medallion lecturers.
2. Voting, using an Australian system (choices ranked, person with lowest number of first choices dropped, second choices of those voting for the dropped person re-distributed as first choices, ...).

Results.

The selection process resulted in the following choices:

Wald Lectures: **Grace Wahba**

Le Cam Lecture: **David Donoho**

Medallion Lectures: **Sara van de Geer** (T), **Ker-Chau Li** (A), **J. Stephen Marron** (I, A, T), **Arkadi Nemirovskii** (I, T), **Dominique Picard** (T), **John Rice** (I, A), **James Robins** (I, T), **Maria Eulalia Vares** (P).



2002 Wald Lecturer Leo Breiman receives his commemorative plaque from Bin Yu

As indicated, the Medallion Lecturers satisfy the constraint of at least one from each of the four areas of probability (P), theoretical statistics (T), applied statistics (A) and interdisciplinary (I).

IMS Meetings around the world

Sponsored/Numbered Meeting (280)

ENAR/IMS Eastern Regional

March 30–April 2, 2003, Tampa, Florida

Details: www.enar.org

The IMS Eastern Regional meeting will be held jointly with the Spring Meeting of the International Biometric Society Eastern North American Region (ENAR) and sections of the American Statistical Association (ASA) on March 30–April 2, 2003 in Tampa, Florida at the Tampa Marriott Waterside Hotel.

As part of Florida's beautiful west coast, Tampa Bay's location makes it easy to get to the Gulf beaches and all attractions throughout central Florida, including Orlando which is located just 84 miles east of Tampa Bay. The climate in late March will be sunny and warm, with cool evening temperatures in the 70s. From the distinct Latin roots of Tampa's historic Ybor City to the Greek history of Tarpon Springs, visitors have plenty of exciting attractions and fascinating communities to explore. For detailed information on all that Tampa has to offer, visit their website: <http://www.visittampabay.com>.

IMS Program Chair: Daniel Scharfstein, Department of Biostatistics, Johns Hopkins University, Baltimore, MD;

e dscharf@jhsph.edu,

t 410-944-2420,

f 410-955-0948.

IMS Contributed Papers Coordinator: Karl Broman, Department of Biostatistics, Johns Hopkins University, Baltimore, MD;

e kbroman@jhsph.edu,

t 410-614-9408,

f 410-955-0958.

ENAR Program Chair: ENAR Program Chair: Oliver Schabenberger, SAS Institute

Inc., Cary, NC, 27513;

e oliver.schabenberger@sas.com,

t 919-531-0616,

f 919-677-4444.

ENAR Local Arrangements Chair: Alan Cantor, University of South Florida, Moffitt Cancer Center, Tampa, FL;

e abcantor@moffitt.usf.edu,

t 813-632-1327,

f 813-632-1334.

IMPORTANT DATES:

- **Sept/Oct 2002:** abstract, registration and hotel forms available from ENAR (<http://www.enar.org>), also accessible from the IMS/ENAR meeting website: <http://www.biostat.jhsph.edu/enarims2003>.
- **Nov 15, 2002:** abstracts (contributed and invited) must be submitted through the ENAR website: <http://www.enar.org/meetings.htm>. As last year this is a firm deadline and cannot be extended.

IMS presenters: Make sure to check the IMS box on the appropriate part of the online abstract form. *There is no need for IMS members to submit abstracts to both ENAR and IMS. All submissions are handled through the ENAR website.*

IMS SPECIAL INVITED PAPER SESSIONS (MEDALLION LECTURES):

Session 1: Applications of High-Dimensional Data Analyses to Microarray Data

Organizer: Rafael Irizarry, Johns Hopkins U. Speakers:

1. Ker-Chau Li, UC Los Angeles (Medallion Lecturer); Title: Microarray Gene Expression Profiling: An Ideal Platform for High-Dimensional Data Analysis
 2. J.S. Marron, U of North Carolina (Medallion Lecturer) Title: Distance Weighted Discrimination
- Discussant: Dennis Cook, U of Minnesota

Session 2: Functional Analysis of Longitudinal Data

Organizer: Jane-Ling Wang, UC Davis. Introduction: Xihong Lin, U of Michigan

- Speakers: 1. John Rice (Medallion Lecturer), UC Berkeley Title: Borrowing Strength in the Analysis of Longitudinal and Functional Data
2. Naisyin Wang, Texas A&M. Title: Marginal Non- and Semiparametric Kernel Regression For Longitudinal Data

Discussant: Jane-Ling Wang, UC Davis



CALL FOR CONTRIBUTED PAPERS.

All contributed papers will be accepted. Regular contributed paper presentations are 15 minute presentations. The title of the contributed paper with speakers' names, affiliations, addresses, telephone numbers, fax numbers and e-mail addresses, along with the abstract, must be submitted by November 15 to ENAR on-line (check IMS box there). You also need to register for the conference at the time the abstract is submitted. Abstracts must be less than 150 words. Topic contributed sessions are welcome; the abstracts are subject to the same submission requirement and deadline. In addition, topic contributed session organizers must send the IMS contributed papers chair, the information of a session title, organizer and affiliation, and a list of speakers and their affiliations, by the same deadline. Topic contributed presentations can be 20 minute presentations.

(ENAR/IMS Florida Meeting: Session Information continued)

IMS INVITED PAPER SESSIONS:

Session 3: Genome-Scale Biology: Statistical challenges and Solutions

Organizer: Jenny Bryan, U of British Columbia. Speakers: 1. Mark van der Laan, UC Berkeley.

Title: Statistical Inference with Microarray Data

2. Ingo Ruczinski, Johns Hopkins U, Title: Statistical Challenges in SNP Data Analysis

3. Jenny Bryan, U of British Columbia, Title: Tag-Based Methods of Detecting Gene

Expression: Addressing Sampling Error and Bias

Session 4: Innovative Approaches and Challenges in the Analysis of Recurrent Failure Time Data

Organizer: Debashis Ghosh, U of Michigan

Speakers: 1. Rob Strawderman, Cornell U, Title: Non-parametric Estimation for Recurrent Event Data

2. Ying Zhang, U of Central Florida, Title: The Gamma Frailty Model for Panel Count Data

3. Dave Glidden, UC San Francisco, Title: Robust Inference for Event Probabilities with Non-Markov Event Data

4. Jerry Lawless, U of Waterloo, Title: Evaluation of Treatments with Recurrent Event Data

Session 5: Recent Developments in Clustering and Mixtures with Application to Spatial Models and Image Analysis

Organizer: Ramani S. Pilla, Case Western

Speakers: 1. David W. Scott, Rice U. Title: Partial Mixture Estimation With Application To Clustering

2. Hemant Ishwaran, Cleveland Clinic Foundation. Title: Bayes Computations for Poisson and Marked Spatial Processes

3. Yehuda Vardi, Rutgers U. Title: Robust Clustering Methods and Visualization Based on Data Depth

4. Carey E. Priebe, Johns Hopkins U. Title: Segmenting Magnetic Resonance Images via Hierarchical Mixture Modelling

Session 6: Causal Inference at the Biostatistics-Econometrics Interface

Organizer and Chair: Joe Hogan, Brown U

Speakers: 1. Constantine Frangakis, Johns Hopkins U. Title: Methodology for Evaluating a Partially Controlled Longitudinal Treatment Using Principal Stratification, with Application to a Needle Exchange Program

2. Karsten Hansen, Northwestern U. Title: Dynamic Treatment Models

Discussants: Rod Little, U of Michigan, Tony Lancaster, Brown U

Panel Discussion: Joe Hogan (Moderator), Brown U

Session 7: Recent Developments in Bayesian Non/Semi-parametrics

Organizer: Lancelot James, Hong Kong U of Science and Technology

Speakers: 1. Xiaotong Shen, Ohio State U. Title: Frequency Properties of Non-parametric and Semi-parametric Posterior Distributions

2. R.V. Ramamoorthi, Michigan State U. Title: Posterior Consistency for Regression Problems

3. James O. Berger, Duke U. Title: Recent Developments in Objective Bayesian Model Selection

Session 8: Multi-stage Decisions and Dynamic Treatment Regimes

Organizer: Tom Ten-Have, U of Pennsylvania

Speakers: 1. Jamie Robins, Harvard U. Title: Issues in the Estimation of Optimal Treatment Regimes

2. Philip Lavori, Stanford U. Title: Comparison of Designs for Adaptive Treatment Strategies: Baseline vs. Adaptive Randomization

3. Peter Mueller, U of Texas. Title: Simulation-Based Sequential Bayesian Design

Discussant: Susan Murphy, U of Michigan

IMS Sponsored Mini-Meeting:

January 10-11, 2003, U of Florida, Gainesville, FL: Fifth Annual Winter Workshop: Functional Data Analysis

The Department of Statistics at the University of Florida will host its Fifth Annual Winter Workshop on January 10-11, 2003 in Gainesville, Florida. The workshop will focus on recent developments in functional data analysis (FDA) which is emerging as one of the most important new statistical methodologies with diverse applications in all areas of statistics ranging from image analysis to bioinformatics.

A major purpose of the symposium is to stimulate interaction between senior and young researchers, to identify the latest developments in FDA, and to promote discussion in this and related topics. In addition to invited presentations, the symposium will include a contributed poster session.

NSF funding is available to support approximately 20 young researchers to attend the symposium. The organizing committee is soliciting applications from senior graduate students (4th year or higher) and researchers who received their Ph.D. in or after 1998. Applications should include a one-page curriculum vitae with thesis advisor's name, and a one-page abstract plus accompanying references. Researchers receiving support are expected to present their work at the poster session. Women and under-represented groups are strongly encouraged to apply.

Please send applications for funding to marilyn@stat.ufl.edu by October

31. For more information visit <http://www.stat.ufl.edu/symposium/2003/fundat/>

Sponsored/Numbered Meeting (281)

IMS New Researchers Conference

July 29-August 2, 2003, U of California, Davis

IMS Program Chair: Richard Levine (U of CA, Davis) levine@wald.ucdavis.edu

IMS Local Chair: Juanjuan Fan (U of CA, Davis) jfan@wald.ucdavis.edu;

<http://anson.ucdavis.edu/~levine/NRC/>

IMS Invited Paper Session at the International Statistical Institute, 54th Biennial Session

The Analysis of Gene Expression Data August 13-20, 2003, Berlin

IMS Organizer: Mike West, Duke U, mw@stat.duke.edu (speakers are Rainer Spang, Sandrine Dudoit and Mike West)

Co-Sponsored Meeting Seminar on Stochastic Processes 2003 March 27-29, 2003

University of Washington, Seattle

IMS Representative: Chris Burdzy, burdzy@math.washington.edu; www.math.washington.edu/~burdzy/SSP2003/

Meetings around the world: Announcements and Information

Conference on New Directions in Experimental Design (DAE 2003, Chicago) May 14-17, 2003, Chicago, Illinois

The main objective of the conference is to bring together junior and senior researchers from universities and industry, in order to focus on the emerging areas of research in design of experiments. The emphasis is on designs for biomedical and pharmaceutical studies. Planned sessions include: designs for HIV studies; Bayesian methods for designing clinical trials; designs for chemical drug studies; crossover designs; designs for random effects, variance components and hierarchical models, as well as sessions on traditional areas of design. Ample time in the conference schedule will be allocated to poster sessions, roundtable discussions and informal discussions. The aim is to create a comfortable setting for the free exchange of ideas.

Junior researchers, i.e., recent PhD's in the rank of Assistant Professor, or equivalent, and PhD students working in design are especially encouraged to attend. Partial funding, from various sources including the NSF, may be available.

A website for the conference is located at www.math.uic.edu/~kjryan/dae2003.html. Contact Ken Ryan at kjryan@math.uic.edu for further details and information.

2004 Stochastic Networks Conference, Montreal, Canada, July 19-24, 2004

The website for the meeting can be found at: <http://www.stanford.edu/group/stochnetconf/>

Annual Meeting of the Statistical Society of Canada

June 8-11, 2003: Halifax, Nova Scotia, Canada

Local Arrangements Chair: Chris Field,
e field@mathstat.dal; Program Chair: Doug
Wiens, e doug.wiens@ualberta.ca;
w www.ssc.ca

SPRING RESEARCH CONFERENCE ON STATISTICS IN INDUSTRY AND TECHNOLOGY June 4-6, 2003, University of Dayton, Dayton, OH

Sponsored by IMS and SPES section of ASA.

Program chair: Russell V. Lenth, U of Iowa, e russell-lenth@uiowa.edu, Local arrangements: Peter W. Hovey, U of Dayton, e peter.hovey@notes.udayton.edu

23rd International Symposium on Forecasting. June 15-18, 2003, Merida, Mexico.

Principal organizer: Victor M. Guerrero (ITAM), e guerrero@itam.mx.

w <http://www.isf2003.org>

INTERNATIONAL WORKSHOP ON CURRENT TRENDS IN BAYESIAN STATISTICS January 6-8, 2003, Indian Statistical Institute, Calcutta, India

IMS Rep: Dipak Dey, Univ of Connecticut

w <http://www.isical.ac.in/~bws03>

IMS Mini-Meeting: INSTRUCTIONAL WORKSHOP ON MATRIX ANALYTICAL METHOD December 21-22, 2002, Kerala, India

Organizer: A.Krishnamoorthy, Cochin Univ of Science and Technology w <http://www.cusat.ac.in/mam.htm>

**All of these newly
announced meetings,
and more, are listed in our
International Calendar of
Statistical Events,
on page 45**

Employment Opportunities around the world

CANADA: Montréal

POSITION IN MATHEMATICS OR STATISTICS FOR A NSERC'S UNIVERSITY FACULTY AWARD HOLDER

The Department of Mathematics and Statistics of the Faculty of Arts and Sciences of the Université de Montréal invites applications from **talented females or Aboriginal researchers** in all areas of mathematics and statistics for the University Faculty Awards (UFA) program of NSERC. The holder will be appointed at the **assistant professor** level. Exceptionally, an outstanding candidate at the associate professor level could be considered. The position is subject to budgetary approval. For information about the Département and the Université, the candidates are invited to visit the webpage of the Département (www.dms.umontreal.ca) as well as that of the Centre de recherches de mathématiques (www.crm.umontreal.ca) with which it has close collaborations.

Duties:

Undergraduate and graduate teaching, supervision of graduate students, and research.

Requirements:

To hold a Ph.D. in Mathematics or Statistics. To be Canadian citizen or permanent resident of Canada. For more information on NSERC's UFA program, visit www.nserc.ca/programs/schol4_e.htm. The research record is of prime importance. The candidate must possess excellent teaching skills. A good working knowledge of French is required.

Salary:

The Université de Montréal offers competitive salaries and a complete package of social benefits.

Starting Date:

June 1, 2003.

The interested candidates must submit a curriculum vitae including a concise

statement of their research interests, at least three letters of reference, and copies of at most three of their most important research publications before October 1, 2002 to

Chair,

Département de mathématiques et de statistique,

Université de Montréal,

C.P. 6128, succursale Centre-ville,
Montréal QC H3C 3J7.

Phone: (514) 343-6710,

FAX: (514) 343-5700,

email: chair@dms.umontreal.ca

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The Université de Montréal subscribes to an affirmative action program for women and to employment equity.

CANADA: Montréal

POSITION IN STATISTICS

Département de mathématiques et de statistique

Faculté des arts et des sciences

Université de Montréal

The Département de mathématiques et de statistique of the Faculté des arts et des sciences of the Université de Montréal invites applications for a **tenure-track position in statistics at any rank (assistant, associate or full)**. For information about the Département and the Université, the candidates are invited to visit the webpage of the Département (www.dms.umontreal.ca) as well as that of the Centre de recherches de mathématiques (www.crm.umontreal.ca) with which it has close collaborations.

Duties

Undergraduate and graduate teaching,

supervision of graduate students, and research.

Requirements

To hold a Ph.D. in Statistics. The research record must be outstanding. The candidate must possess excellent teaching skills. An interest for statistical consulting is an advantage. A good working knowledge of French is required. Candidates who do not speak French must acquire an adequate knowledge of it within a reasonable period after the appointment.

Salary

The Université de Montréal offers competitive salaries and a complete package of social benefits.

Starting Date

June 1, 2003.

The interested candidates must submit a curriculum vitae including a concise

statement of their research interests, at least three letters of reference, and copies of at most three of their most important research publications before November 15, 2002 (or until the position is filled), to:

Chair

Département de mathématiques et de statistique

Université de Montréal

C.P. 6128, succursale Centre-ville
Montréal QC H3C 3J7

Phone: (514) 343-6743

FAX: (514) 343-5700

email: chair@dms.umontreal.ca

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The Université de Montréal subscribes to an affirmative action program for women and to employment equity.

CANADA: Ontario**Mathematics and Statistics, Queen's University**

The Department of Mathematics and Statistics invites applications for a **tenure-track appointment at the Assistant Professor** level to begin July 2003, and a **Tier II Canada Research Chair in Pure Mathematics**. Successful applicants for the tenure track position must have a strong research record and the ability to develop an independent research programme; applicants for the Canada Research Chair must have international stature. All candidates must have the ability to teach a range of mathematics or statistics courses and supervise graduate students. Salary will be commensurate with qualifications and experience.

Candidates should have a Ph.D. in pure or applied mathematics, statistics, or a related area and will have begun an active research program in algebra and number theory, analysis, dynamical systems, or probability and statistics.

Interested candidates should arrange for a curriculum vitae, a description of research interests, up to five publications or preprints, a statement on teaching or a teaching dossier, and at least four letters of reference, one of which should comment on the candidate's teaching, to be sent to the address below by December 1, 2002. Applications will be considered until the position is filled.

More details are available at <http://www.mast.queensu.ca/jobs/>

James A. Mingo,
Associate Head
Department of Mathematics and Statistics
Queen's University,
Kingston
Ontario K7L 3N6
fax: (613) 533-2964
e-mail: position@mast.queensu.ca
web: <http://www.mast.queensu.ca>

Canadian citizens and permanent residents will be considered first for this position. Queen's University is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people, persons with disabilities, gay men and lesbians.

TAIWAN: Taipei**Institute of Statistical Science, Academia Sinica
Taipei, Taiwan**

We invite applications for positions of **Assistant Research Fellow, Associate Research Fellow and Research Fellow**. Applicants must have a Ph.D. in statistics or related fields. Chinese or English speaking applicants are preferred. Interested candidates should send (1) curriculum vitae with publication list, (2) at least three letters of recommendation, (3) copies of research papers (or dissertation), and (4) transcripts (for new Ph.D. only) to Dr. Hwai-Chung Ho, Search Committee, Institute of Statistical Science, Academia Sinica, Taipei, Taiwan 115, R.O.C. (Tel: 886-2-27835611 ext. 112, Fax: 886-2-27831523, E-mail: hcho@stat.sinica.edu.tw). Applications completed by January 15, 2003 will be assured of consideration. Detailed information about the Institute is available at <http://www.stat.sinica.edu.tw/>.

UNITED KINGDOM: Cambridge**UNIVERSITY OF CAMBRIDGE
Department of Pure Mathematics and
Mathematical Statistics
STATISTICAL LABORATORY****Postdoctoral Research Associate**

Applications are invited for a Research Associateship of up to 3 years. Salary: £17,626 - £26,491 per annum. The post forms part of a large Wellcome Trust funded project on Quantitative Analysis of the Spatio-temporal Dynamics and Control of Foot-and-Mouth Disease. The Research Associate will develop the statistical side of the project, focussing on the development and application of Bayesian methodology for the spatio-temporal modelling of the disease process. Further details are available on the Web at www.statslab.cam.ac.uk/~steve/Wellcome/.

The proposed starting date is 1 December 2003 and the successful applicant will have, or expect shortly to receive, a PhD in a Statistical, Epidemiological or other relevant discipline. Informal academic enquiries may be made to S.P.Brooks@statslab.cam.ac.uk whilst applications, including a curriculum vitae and the names and addresses of at least two referees, should be sent to Julia Blackwell, Statistical Laboratory, Centre for Mathematical Sciences, Wilberforce Road, Cambridge, CB3 0WB.

The closing date for applications is 1 November 2002.

The University is committed to equality of opportunity

USA: California**UNIVERSITY OF CALIFORNIA AT SANTA BARBARA - DEPARTMENT OF STATISTICS AND APPLIED PROBABILITY**

invites applications for a Lecturer with Potential Security of Employment position, to begin July 1, 2003. Qualifications: excellence in teaching and a PhD in statistics or a closely related field. Primary duties include (but are not limited to) teaching and advising of undergraduate students. Please send resume, one page statement of teaching and research objectives, and three letters of recommendation to Lecturer Search Committee, Department of Statistics and Applied Probability, University of California, Santa Barbara, CA 93106-3110, USA. The selection process will begin December 1, 2002 and continue until the position is filled. Women and minorities are particularly encouraged to apply. An EE/AO employer.

USA: California

**Director of Statistical Consulting Collaboratory
University of California, Riverside
Department of Statistics**

The Department of Statistics, University of California, Riverside invites applications for a 9-month tenure-track faculty position (Open Level) available July 1, 2003. The successful candidate will be the Director of the newly established campus-wide Statistical Consulting Collaboratory to provide UCR faculty and graduate students with an environment for collaboration in research and instruction emphasizing statistical/quantitative approaches to applied problems. In addition, the candidate will facilitate the development of extramurally supported activities.

The Director will be supported by a manager of statistical consulting, several graduate students, and will be supported in data archiving/access services by the campus Computing and Communications unit. Candidate is expected to have a recognized research program in Statistics or Applied Statistics. The successful candidate will contribute to teaching courses in Statistics and statistical consulting. A Ph.D. in Statistics, Biostatistics, or related quantitative area with statistical consulting credentials and proven ability to conduct innovative research are required. Candidates are urged to apply without delay. Evaluation of applications will begin November 1, 2002, but the position will remain open until filled. Please send CV, statement of teaching and research plans, and the names of five referees to:

Dr. Robert J. Beaver, Chair, Search Committee, Department of Statistics,

University of California, Riverside, CA 92521-0138.

Department information: <http://cnas.ucr.edu/~stat/homepage.htm> *The University of California is an Affirmative Action / Equal Opportunity Employer.*

USA: California

UCIrvine DEPARTMENT OF STATISTICS
University of California, Irvine

The newly established Department of Statistics (www.stat.uci.edu) at the University of California, Irvine (UCI), is recruiting two faculty positions in 2002-03: one with tenure and one tenure-track assistant professorship. We anticipate appointing a full-time faculty in statistics of 6-8 people over the next several years, with several more half-time appointments shared with other units at UCI. It will be a department with a strongly interdisciplinary flavor, focused both on developing methods to solve applied problems and the statistical theory that underlies those methods.

The Department is interested in individuals with research interests in all areas of statistics at the present time including computational statistics, bioinformatics and genomic statistics, social science statistics, and mathematical statistics.

UCI is one of the youngest campuses in the University of California, yet we are already ranked very highly among U.S. public universities. UCI is projected to grow by approximately 30% by the end of the decade, with significant increases in graduate enrollment. The new Department of Statistics will occupy a prominent place in this expanding academic profile, and it will interact significantly with a wide range of existing departments and innovative programs across the whole campus.

A detailed account of plans for the new department is available at www.evc.uci.edu/growth/stat/stat_proposal.pdf. For more information about UCI, see www.uci.edu.

Completed applications with a cover letter, curriculum vita, sample research publications, and three letters of recommendation should be sent to the Chair of the Department:

Professor Hal Stern
c/o Office of the Executive Vice Chancellor
535 Administration Building
University of California, Irvine
Irvine, CA 92697-1000.

The review of applications will begin December 1, 2002

The University of California is an Equal Opportunity Employer committed to excellence through diversity

USA: Colorado**Positions available for Fall, 2003**

Two Tenure-track Assistant Professorships.

Exceptional candidates at other ranks will also be considered. Ph.D. in Statistics or related field with strong potential for high quality research and teaching are required. Although the search is open to all fields of probability and statistics, candidates with specialization in spatial statistics, generalized linear models, biostatistics, bioinformatics, financial mathematics, Bayesian statistics, applied probability, statistical signal processing or statistical computing are encouraged to apply. Applications should include CV (containing educational background, teaching experience and publication list), future research plans and three letters of recommendation.

Send applications electronically to search@stat.colostate.edu or by mail to Search Committee, Department of Statistics, Colorado State University, Fort Collins, CO 80523-1877, by January 3, 2003. Further details: <http://www.stat.colostate.edu>. Inquiries: search@stat.colostate.edu. Colorado State University is an EEO/AA employer, E.O. Office, 101 Student Services.

USA: Georgia**Georgia Institute of Technology**

The School of Mathematics at Georgia Tech invites applications for **tenure-track and visiting faculty positions** in statistics at all ranks beginning Fall 2003. Preference will be given to candidates whose expertise reinforces links between statistics and applied mathematics as well as with other academic units at Georgia Tech. Candidates with strong research and teaching records or potential in statistics should arrange for a resume, at least three letters of reference, and a summary of future research plans to be sent to the Hiring Committee, School of Mathematics, Georgia Institute of Technology, Atlanta, GA 30332-0160, USA. Review of applications will begin in September 2002 and continue until all positions have been filled. Georgia Tech, an institution of the University System of Georgia, is an Equal Opportunity/Affirmative Action Employer.

USA: Illinois**University of Illinois at Chicago, Dept. of Mathematics, Statistics, and Computer Science**

The Department has active research programs in centrally important areas of pure mathematics, computational and applied mathematics, combinatorics and computer science, statistics, and mathematics education. See <http://www.math.uic.edu> for more information. Applications are invited for the following positions, effective August 21, 2003.

Tenure track or tenured positions subject to budgetary approval:

Candidates in all areas of interest to the Department will be considered. The position, subject to budgetary approval, is initially budgeted at the Assistant Professor level, but candidates with a sufficiently outstanding research record may be considered at higher levels. Applicants must have a Ph.D. or equivalent degree in mathematics, computer science, statistics,

mathematics education or related field, an outstanding research record, and evidence of strong teaching ability. The salary is negotiable.

Research Assistant Professorships/VIGRE Postdoctoral Fellowships.

These are non-tenure track positions, normally renewable annually to a maximum of three years. Some of these positions are partially funded by a VIGRE grant from the NSF and are open only to U.S. citizens, nationals or permanent residents. Others are open without this restriction. These positions carry a teaching load of one course per semester, and the expectation that the incumbent play a significant role in the research life of the Department. The salary for AY 2003-2004 for these positions is \$47,000; the salary for AY 2004-2005 may be higher; in each of the first two years, for those eligible, the VIGRE grant provides an additional \$6,000 for summer support. Applicants must have a Ph.D. or

equivalent degree in mathematics, computer science, statistics, mathematics education or related field, and evidence of outstanding research potential.

Send vita and at least 3 letters of recommendation, clearly indicating the position being applied for, and whether you are eligible for a VIGRE fellowship, to: Appointments Committee; Dept. of Mathematics, Statistics, and Computer Science; University of Illinois at Chicago; 851 S. Morgan (M/C 249); Chicago, IL 60607. No e-mail applications will be accepted. To ensure full consideration, materials must be received by November 31, 2002, for the tenure/tenure track positions, and December 13, 2002 for the postdoctoral fellowships. However, we will continue considering candidates until all positions have been filled. Minorities, persons with disabilities, and women are particularly encouraged to apply. UIC is an AA/EOE.

USA: Iowa**University of Iowa****Department of Statistics and Actuarial Science****Announcement of Statistics Faculty Opening**

A **Tenure-track Assistant Professorship** is available starting August 19, 2003

Applicants should have strong scholarly potential ideally with research interests compatible with those of current faculty members. These include modern computational statistics, statistical genetics, spatial statistics, Bayesian inference, time series, categorical data analysis, order restricted inference, and bioinformatics. There are opportunities for interdisciplinary research in medicine and public health, economics, environmental sciences, engineering, law and justice, and other areas.

Applicants should demonstrate an interest in undergraduate teaching and ideally have experience as teaching assistants or instructors in large undergraduate classes.

Applicants must complete a Ph.D. prior to August 19, 2003 and must be free to assume the duties of this position on that date. The selection process begins November 1, 2002 and continues until the position is filled. Please send a curriculum vitae, including a description of teaching experience, and arrange to have three letters of reference sent to Prof. George G. Woodworth, Chair, Statistics Search Committee, Department of Statistics and Actuarial Science, 241 SH, University of Iowa, Iowa City, Iowa 52242, USA. e-mail: george-woodworth@uiowa.edu with "search committee" in the subject field.

Women and minorities are encouraged to apply. The University of Iowa is an Affirmative Action Equal Opportunity Employer. The University of Iowa prohibits discrimination in employment and in its educational programs and activities on the basis of race, national origin, color, creed, religion, sex, age, disability, veteran status, sexual orientation, gender identity, or associational preference. The University also affirms its commitment to providing equal opportunities and equal access to University facilities. For additional information on nondiscrimination policies, contact the Coordinator of Title IX, Section 504, and the ADA in the Office of Affirmative Action, (319) 335-0705 (voice) and (319) 335-0697 (text), 202 Jessup Hall, University of Iowa, Iowa City, Iowa 52242-1316

USA: Minnesota**School of Statistics, College of Liberal Arts
University of Minnesota**

Applications are invited for one or more **full time, nine-month, tenured or tenure-track faculty appointments** at any level beginning August 25, 2003. Duties: teaching, research, and advising. Qualifications: Require doctorate in statistics or closely related quantitative field by August 15, 2003. For tenured positions, demonstrated excellence in research and teaching are also required. Send a letter of application, resume (copy of graduate record for tenure-track applicants), reprints/preprints, and arrange for three letters of recommendation to Chair, Search Committee, School of Statistics, University of Minnesota, 313 Ford Hall, 224 Church St. SE, Minneapolis, MN 55455; (612) 625-8046. FAX (612) 624-8868. Applicants will be reviewed beginning 1/06/03. Position(s) open until filled. The University of Minnesota is an equal opportunity employer and educator. For complete position information, please visit the web site www.stat.umn.edu.

USA: Massachusetts

The Williams College Department of Mathematics and Statistics invites applications for one position in statistics, beginning fall 2003, at the rank of **assistant professor** (in an exceptional case, a more advanced appointment may be considered). We are seeking a highly qualified candidate who has demonstrated excellence in teaching and research, and who will have a Ph.D. by the time of appointment.

Williams College is a private, residential, highly selective liberal arts college with an undergraduate enrollment of approximately 2,000 students.

The teaching load is two courses per 12-week semester and a winter term course every other January. In addition to excellence in teaching, an active and successful research program is expected.

To apply, please send a vita and have three letters of recommendation on teaching and research sent to the Hiring Committee, Department of Mathematics and Statistics, Williams College, Williamstown, MA 01267.

Teaching and research statements are also welcome. Evaluations of applications will begin on or after November 25 and will continue until the positions are filled. Williams College is dedicated to providing a welcoming intellectual environment for all of its faculty, staff and students; as an EEO/AA employer, Williams especially encourages applications from women and underrepresented minorities. For more information on the Department of Mathematics and Statistics, visit <http://www.williams.edu/Mathematics>.

USA: Minnesota

Faculty Positions in Biostatistics

University of Minnesota, School of Public Health

Full/Associate Professor of Biostatistics

The Division of Biostatistics, School of Public Health, at the University of Minnesota announces an opening for a tenured or tenure-track faculty position at the Professor or Associate Professor level.

We are interested in individuals who have a strong record of methodological research and who have experience advising PhD students. Emphasis will be placed on the quality of the candidate's research and teaching record and the ability to make an immediate impact on our PhD program through teaching advanced courses and advising. The successful candidate will be expected to take an active part in research with other investigators in the School of Public Health, the Medical School, and other units of the University.

Assistant Professor of Biostatistics

The Division of Biostatistics, School of Public Health, at the University of Minnesota has an opening for a tenure-track Assistant Professor position starting fall/summer 2003.

We seek individuals with a PhD in statistics or biostatistics, who have a strong academic record, who will carry out independent biostatistical research, and who will contribute to our graduate program through teaching and advising students. The successful candidate for the position will be expected to take an active part in research with other investigators in the School of Public Health, the Medical School, and other units of the University.

The Division of Biostatistics (www.biostat.umn.edu) currently includes 18 graduate faculty and 87 staff. The Division offers MS, MPH, and PhD degrees, and interacts in teaching and advising with the U of Minnesota School of Statistics. At the present time, we enroll 64 graduate students (49 MS and 15 PhD). Current faculty research in statistical methodology includes analysis of spatial and longitudinal data, Bayes and empirical Bayes methods, computer-intensive methods such as Markov chain Monte Carlo, survival analysis, clinical trials design, genomics, generalized linear models, and categorical data analysis.

The Division has an international reputation as the home of the statistical coordinating centers for a number of clinical trials in AIDS/HIV, lung disease, and cardiovascular disease. Other major research areas of applied research within the Division include cancer prevention and treatment, dental research, environmental and occupational health, health policy, chronic care and smoking prevention. Multi-year grants and contracts for various Divisional projects total over \$75 M.

Division faculty are also active participants in a University-wide community of researchers working at the frontiers of molecular biology in the recently established Biomedical Genomics Center and Bioinformatics Graduate Faculty. The University has state of the art technology for genetics (genotyping and sequence analysis), genomics (laser capture micro-dissection, custom microarray printing, and microarray scanning) and proteomics (a DIGE system and MALDI-TOF mass spectrometry). This atmosphere provides an outstanding opportunity to develop novel approaches to cutting edge problems in genomics and proteomics.

The salary range for these faculty positions will be very competitive, and the University of Minnesota offers excellent fringe benefits.

To apply, please send a letter specifying interest in the Full/Associate Professor **or** the Assistant Professor position, names and addresses of three referees, and a curriculum vitae by January 6, 2003 to: Dr. James Neaton, Chair of Search Committee, Division of Biostatistics, A460 Mayo Building MMC 303, 420 Delaware Street SE, Minneapolis, MN 55455-0378.

The University of Minnesota is an equal opportunity educator and employer.

USA: New Mexico



Statistical Sciences Group

Los Alamos National Laboratory

www.lanl.gov/orgs/d/d1/index.shtml

Ph.D. Statisticians

The Statistical Sciences Group at Los Alamos National Laboratory is seeking excellent candidates for challenging entry- to mid-level positions. Candidates must possess a Ph.D. in statistics or an equivalent combination of education and experience, knowledge of multiple areas of statistical sciences, and interest in diverse application areas. Demonstrated statistical research ability including journal publications and/or technical reports is required. Experience developing statistical methodology in multidisciplinary collaborations, and background in basic science or engineering is desired. Good verbal and written communication skills and extensive statistical computing experience are required. Top-level security clearance or ability to obtain a top-level security clearance, which normally requires U.S. citizenship, is mandatory.

To apply, send resume, one page professional statement, three letters of reference, and copies of transcripts (for entry level applicants) to: Statistical Sciences Search Committee, Los Alamos National Laboratory, P.O. Box 1663, MS F600, Los Alamos, NM 87545. Applications completed prior to Jan. 4, 2003 will receive full consideration. AA/EOE

Pushing the Frontiers of Science

For more than five decades, Los Alamos National Laboratory has challenged the frontiers of science by creatively combining basic sciences with engineering and technical advances. As one of the country's largest national laboratories, the Laboratory is recognized as a world-class scientific and engineering institution. Operated for the Department of Energy by the University of California, the Laboratory serves the nation by advancing science and technology to make the world a better and safer place. The Laboratory maintains an atmosphere of intellectual freedom and also offers a fine benefits package with retirement, vacation, and health coverage. The Laboratory's core competencies include: homeland security; complex experimentation and measurement; theory, modeling, and high-performance computing; analysis and assessment; nuclear weapons science and technology; earth and environmental systems; nuclear and advanced materials; bioscience and biotechnology; and nuclear science, plasmas, and beams.

Statisticians are important contributors in the multidisciplinary scientific efforts central to each core competency

The Statistical Sciences Group was formed in 1967 to provide the Laboratory with a center of expertise in statistics. The group consists of 21 statistical scientists plus supporting personnel, visiting faculty, graduate students, and postdoctoral fellows. It offers challenging opportunities in statistical research and applications for individuals eager to participate in multidisciplinary scientific activities. The group currently has expertise in a range of methodologies including Bayesian methods, biomathematics, computer model evaluation, environmental statistics, Monte Carlo and computer-intensive methods, reliability analysis, spatial modeling, statistical graphics and visualization, and stochastic processes.

Statisticians work in partnership with world-class scientists in a variety of application areas, including: material science; computer science applied to modeling of weapon performance, traffic flow and congestion, disease outbreaks, and ecological phenomena; physics; engineering; geology; military strategy and analysis; industrial problems; genetics, microbiology, and chemistry.

Los Alamos Area

Los Alamos is situated at 7300 feet on the colorful mesas that extend from the wooded slopes of the Jemez Mountains. The town of about 18,000 people overlooks the Rio Grande Valley with further views of the Sangre de Cristo range, which forms the southern end of the Rocky Mountains. Los Alamos is a scenic 40-minute drive from the historic and cultural center of Santa Fe and is just 25 minutes from Bandelier National Monument, the site of ancient Native American cliff dwellings. Opportunities for outdoor activities such as skiing, fishing, mountain biking, and hiking abound in the Los Alamos area.

USA: New York**BIostatistics FACULTY POSITIONS AT THE UNIVERSITY OF ROCHESTER**

The Department of Biostatistics and Computational Biology (formerly the Department of Biostatistics) at the University of Rochester is pleased to announce a major expansion. We are now recruiting for tenure and tenure-track faculty positions at all levels. These include Director of the Statistical Consulting Service (Clinical Core) and collaborative positions with other departments and units in the School of Medicine and Dentistry. Several positions in statistical methods for computational biology (bioinformatics) are also available. Duties include individual and collaborative research, consulting, graduate level teaching and participation in educational programs of the Medical Center. Rank is open commensurate with experience. Send applications including a c.v., transcripts if new PhD, and copies of selected publications and preprints to Faculty Search Committee, Department of Biostatistics, University of Rochester, 601 Elmwood Avenue Box 630, Rochester NY 14642, and arrange for three letters of recommendation to be sent. It is anticipated that screening of applications will commence in early Fall 2002. AA/EOE.

The Department also has an opening for a visiting professor for the Spring Semester (January 1 - June 30 2003) at an attractive salary. Duties include teaching two graduate level courses and research.

We are also seeking a Master's level biostatistician with experience in statistical consulting and SAS programming. Excellent communication skills required. A second Master's level position is available in computational biology. This position requires advanced scientific programming. Applications for these positions may be sent to the Department Secretary at the address above.

USA: New York**Cornell University, Ithaca, NY**

The Department of Mathematics at Cornell University invites applications for the position of **tenure-track Assistant Professor (or higher rank)**. We expect to have two or more positions. Start date July 1, 2003.

For information about fields of interest and application requirements, refer to our website: <http://www.math.cornell.edu/Positions/positions.html> Deadline November 1, 2002. Early applications will be regarded favorably. Send application and supporting materials to Recruiting Committee, Department of Mathematics, Malott Hall, Cornell University, Ithaca, NY 14853-4201 USA. E-mail: math_recruit@cornell.edu

Cornell University is an Affirmative Action/Equal Opportunity Employer.

USA: New York**Cornell University, Ithaca, NY**

The Department of Mathematics invites applications for the following positions beginning July 1, 2003:

- (1) One **H.C. Wang Assistant Professor**, non-renewable, 3-year term;
- (2) Three **VIGRE Postdoctoral Associates** (contingent upon funding), non-renewable, 3-year term; beginning August 16, 2003;
- (3) **Visiting positions**, academic year or one semester teaching positions (any rank).

For information about our positions and application requirements, see: <http://www.math.cornell.edu/Positions/positions.html> Applicants will be automatically considered for all eligible positions. Deadline December 1, 2002. Early applications will be regarded favorably. Send application and supporting materials to Recruiting Committee, Department of Mathematics, Malott Hall, Cornell University, Ithaca, NY 14853-4201 USA. E-mail: math_recruit@cornell.edu

Cornell University is an Affirmative Action/Equal Opportunity Employer.

USA: New York**Cornell University, Ithaca, NY**

Department of Statistical Science, Cornell University invites applications for an open-level position based in the Department of Social Statistics to begin 8/25/03. PhD in statistics and commitment to research and teaching. Ability to participate in interdisciplinary programs is desirable. Send CV, statement of research/teaching interests, and three letters to Search Committee, Cornell University, 358 Ives Hall, Ithaca, NY 14853 by 1/15/03. Visit www.stat.cornell.edu. Women and minority candidates are especially encouraged to apply. Cornell University is an affirmative action/equal opportunity employer.

USA: New York

Department of Mathematics

Syracuse University

The department seeks to fill two positions, without restriction on rank, beginning August, 2003. Ph.D. in mathematics or mathematical statistics required. Senior level candidates should have an outstanding record of accomplishment and potential in both research and teaching. Junior level candidates should have a strong record of accomplishment and potential in both research and teaching. Exceptional candidates from all areas will be considered, but for one position preference will be given to candidates in applicable mathematics. Preference will also be given to candidates whose research interests overlap and/or complement those of existing faculty. Areas of applicable mathematics presently represented in the department include probability, statistics, numerical analysis, and combinatorics. See <http://math.syr.edu> for more information.

Applications should include a cover letter, CV, three letters of recommendation addressing research qualifications, and at least one letter of recommendation addressing teaching. Send applications to Chair, Department of Mathematics, Syracuse University, Syracuse, NY 13244. Screening of senior level candidates is ongoing. Screening of junior level candidates begins December 15, 2002 and continues until the position(s) are filled.

Syracuse University is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse faculty; women and minority candidates are especially encouraged to apply.

USA: Ohio

DEAN COLLEGE OF MATHEMATICAL AND PHYSICAL SCIENCES

The Ohio State University invites nominations and applications for the position of Dean of the College of Mathematical and Physical Sciences. The Dean will have a solid base on which to build increased national and international standing and, as the College's Chief Executive Officer, will report directly to the Executive Vice President and Provost of the University.

The University has implemented an Academic Plan to enhance academic excellence and to raise the standards of colleges, departments, centers, and institutes. The University is strongly committed to diversity, a cornerstone of the Academic Plan, and seeks an individual with a strong commitment to success in this area.

Qualifications for the position include a distinguished record in research and teaching plus demonstrated leadership and administrative ability. Candidates must qualify for a tenured appointment as Professor in one of the departments in the College. The College includes six departments: Astronomy, Chemistry, Geological Sciences, Mathematics, Physics, and Statistics, in addition to several cross-disciplinary degree programs, research centers, and institutes. The College has a faculty of 225 and an annual budget of \$80 million.

The position is available July 1, 2003. Salary and other considerations will be competitive and consistent with the University's commitment to recruiting the best-qualified individual. **To assure full consideration, applications and nominations should be received by October 15, 2002.** The Search Committee will begin screening dossiers on that date and will continue to receive applications until the Dean is selected.

Applications and nominations should be addressed to:

Chairperson, MAPS Dean Search Committee, Office of Academic Affairs, The Ohio State University, 203 Bricker Hall, 190 North Oval Mall, Columbus, OH 43210-1358

Website for the Search: <http://www.mps.ohio-state.edu/deansearch>. For further information, contact Molly Davis, Office of Academic Affairs, at 614/292-5881 or at Davis.436@osu.edu.

The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

USA: Oregon

University of Oregon - Department of Mathematics

Applications are invited for one tenure-track Assistant or Associate Professor in the Department of Mathematics, beginning September 2003. Qualifications are a Ph.D. in the mathematical sciences, an excellent record of research accomplishment, and evidence of teaching ability. Applicants from all parts of the mathematical sciences are encouraged to apply. See <http://darkwing.uoregon.edu/~math/employment.html>

Competitive salary with excellent fringe benefits. Mail complete vita and at least three letters of recommendation to Search Committee, 1222 Department of Mathematics, University of Oregon, Eugene, OR 97403-1222, Attention: J. Perkins. Application materials may NOT be submitted electronically.

Closing date is January 6, 2003. Women and minorities are encouraged to apply. The University of Oregon is an EO/AA/ADA Institution committed to diversity.

USA: Oregon**University of Oregon - Department of Mathematics**

The Department of Mathematics at the University of Oregon announces a **tenure-track position in Mathematics Education** at the assistant or associate professor level, starting Fall 2003.

Qualifications: either a Ph.D. in mathematics and documented interest in Mathematics Education at the elementary or secondary level; or a Ph.D. or Ed.D. in Mathematics Educations with a very strong background and interest in mathematics. In addition the candidate must have some involvement in the education of future school teachers, and excellence in teaching undergraduate mathematics. See <http://darkwing.uoregon.edu/~math/employment.html>.

Please send your application materials, including full C.V. and at least three letters of recommendation from people well acquainted with your qualifications, to: Professor J. Brundan, Mathematics Education Hiring Committee, Department of Mathematics, 1222 University of Oregon, Eugene, OR 97403-1222. Application materials may NOT be submitted electronically.

Closing date for applications is January 13, 2003. Women and minorities are encouraged to apply. The University of Oregon is an EO/AA/ADA Institution committed to diversity.

USA: Oregon**University of Oregon - Department of Mathematics**

Applications are invited for one **tenure-track Assistant or Associate Professor** in the Department of Mathematics in the areas of **numerical analysis and/or applied analysis**, beginning September 2003.

Qualifications are a Ph.D. in the mathematical sciences, an excellent record of research accomplishment in the required fields, and evidence of teaching ability. See <http://darkwing.uoregon.edu/~math/employment.html>

Competitive salary with excellent fringe benefits. Mail complete vita and at least three letters of recommendation to Professor Yuan Xu, Chair of Applied Analysis Search Committee, 1222 Department of Mathematics, University of Oregon, Eugene, OR 97403-1222. Application materials may NOT be submitted electronically.

Closing date is January 6, 2003. Women and minorities are encouraged to apply. The University of Oregon is an EO/AA/ADA Institution committed to diversity.

USA: South Carolina**Department of Mathematics
College of Charleston, SC**

Tenure-track Assistant Professor position starting August 2003. Must have Ph.D., a commitment to undergraduate and graduate teaching, and the potential for continuing research. Preference for one position given to applicants with the expertise to teach statistics or operations research. Normal teaching load is nine hours per week for faculty conducting research. Competitive salary. Address vita and three letters of recommendation to Deanna Caveny, 29424-0001. Additional information available at www.math.cofc.edu or caveny@cofc.edu. AA/EOE.

USA: Pennsylvania**Department of Statistics, Carnegie Mellon
University, Pittsburgh, PA**

Applications are invited for tenure-track and visiting positions. Carnegie Mellon offers a supportive faculty environment, emphasizing a combination of disciplinary and cross-disciplinary research and teaching. All areas of statistics are welcome, and joint appointments with other units in the Pittsburgh area are possible. We especially encourage women and minorities to apply. Details at <http://www.stat.cmu.edu> (email: hiring@stat.cmu.edu). Application screening begins immediately and continues until positions closed. Send CV, research papers, relevant transcripts and three letters of recommendation to: Chair, Faculty Search Committee, Department of Statistics, Carnegie Mellon University, Pittsburgh, PA 15213, USA. AA/EOE.

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advertise? Please read the
information for advertisers on
page 47**

USA: Texas**The Department of Statistics at Texas A&M University**

anticipates openings for its two-year training program in Bioinformatics and Biostatistics with an emphasis on the Biology of Nutrition and Cancer (<http://stat.tamu.edu/B3NC>). Program participants will receive training via a structured format in biology, genetics, microarray technology, genomic signal processing, and the biological mechanisms of cancer that may be activated by nutrition-related factors. No teaching duties are required. Each participant will be mentored by a multidisciplinary team of experienced researchers from Statistics, Electrical Engineering, Nutrition and Biochemistry and will be provided with excellent computing support. Applicants should have a Ph.D. in a quantitatively oriented discipline, such as statistics, electrical engineering and applied mathematics. Both recent and established investigators are invited to apply. Funding is restricted to U.S. citizens and permanent residents. Stipends are competitive with initial tenure-track positions in statistics. Interested applicants should send a vita and three letters of reference (for new or recent Ph.D.s) by January 15, 2003 to:

Raymond Carroll,
Department of Statistics,
Texas A&M University,
College Station
TX 77843-3143;
carroll@stat.tamu.edu
AA/EOE

USA: Texas**Faculty Positions****Department of Statistics****Texas A&M University**

Pending budgetary approval, we anticipate openings starting 9/03. Rank and salary are open. A PhD/DSc degree or the completion of all requirements for the degree prior to beginning employment is required. Candidates are expected to have a strong commitment to research and teaching. The department is a member of the College of Science and has a strong tradition of theoretical and interdisciplinary research. Excellent computing facilities are available and startup funding is anticipated. Women and minorities are especially encouraged to apply.

Send vitae (tenured position) or vitae and three letters of reference (untenured position) by 1/15/03 to:

Statistics Search Committee,
Department of Statistics,
Texas A&M University,
3143 TAMU,
College Station,
TX 77843-3143
<http://stat.tamu.edu>
AA/EOE

USA: Texas**Bioinformatics Faculty Positions****Department of Statistics, Texas A&M University**

Pending budgetary approval, the Department of Statistics at Texas A&M University anticipates tenure-track faculty openings starting 9/03.

Texas A&M has a heavy emphasis on the life sciences, with bioinformatics research efforts involving collaboration throughout the university. The Department of Statistics has an NCI-funded training program in bioinformatics, and numerous research efforts in the area. The department emphasizes collaborative research, and there are many opportunities for such research together with biologists, biochemists, computer scientists, etc. Rank and salary are open. Excellent computing facilities are available and startup funding is anticipated. Women and minorities are especially encouraged to apply.

Send vitae (tenured position) or vitae and three letters of reference (untenured position) by 1/15/03 to:

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

For more information on our department and the research interests of our faculty, please visit our web site:

<http://stat.tamu.edu/>
AA/EOE

USA: Utah

The Department of Mathematics at the University of Utah

invites applications for the following positions. Availability of positions is contingent upon funding. The hiring committee will select candidates based on excellence in research and teaching.

1. One full-time tenure-track or tenure appointment at the level of assistant or associate professor. The department is primarily interested in applicants who work in the research areas represented in the department and who received their Ph.D. degrees prior to 2002. Applicants working in probability or mathematical statistics are of particular interest.

2. One or more nonrenewable three-year Scott, Wyle, Burgess or VIGRE Assistant Professorships. Persons of any age receiving Ph.D. degrees in 2001 or later, are eligible. Starting salary will be at least

\$43,000. Increases are given annually but amounts vary from year to year. Teaching duties for the Scott Assistant Professorship for the entire three-years will be nine one-semester courses. Wylie and Burgess Assistant Professors receive a \$2000/year research fund and teach eight courses in three years. VIGRE Assistant Professors receive annual research funds and teach two courses per year

Completed applications for faculty positions will be considered starting October 1, 2002, and positions may be offered from that date on. Applications will be accepted until positions are filled with a closing date of May 1, 2003. Scott Assistant Professorship applications should be completed by December 1, 2002. Review of applications will begin on December 8, 2002.

To apply for any of these positions, you are strongly encouraged to fill out an

application at <http://www.math.utah.edu/pos> or at <http://www.mathjobs.org>.

Alternatively, you may send the AMS cover sheet. To complete your application, send a curriculum vitae, bibliography, and three letters of recommendation. Incomplete files will not be considered.

Please send this information to
Committee on Staffing,
Department of Mathematics,
University of Utah,
155 S. 1400 E.,
JWB 233,
Salt Lake City,
UT 84112.

The University of Utah is an Equal Opportunity, Affirmative Action Employer and encourages applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees.

USA: Wisconsin

Medical College of Wisconsin

The Division of Biostatistics and the human and Molecular Genetics Center of the Medical College of Wisconsin has an opening at the Associate or Full Professor level for a Senior Biostatistician to direct a new program in statistical genetics. The position, in the Division of Biostatistics, will allow the candidate to collaborate with a well-respected genetics group, to develop and lead a Ph.D. program in statistical genetics. Send a letter of application, curriculum vitae and the names of three references to: John Klein, Head, Division of Biostatistics, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226

USA: Wisconsin

University of Wisconsin-Milwaukee

The Department of Mathematical Sciences anticipates a tenure track Assistant Professorship in statistics starting 08/2003, pending budgetary approval.

Responsibilities include: dissertation supervision, consulting, course development. Strong research and extramural funding potential, demonstrated commitment to teaching excellence essential.

Send AMS Standard Cover Sheet, vita, research plan, teaching philosophy, and 3 letters (one about teaching) of recommendation to: Chairperson, Department of Mathematical Sciences, UWM, P.O. Box 413, Milwaukee, WI 53201. Review of applications begins 12/6/02 and will continue until the position is filled. <http://www.uwm.edu/Dept/Math>

UWM is an EEO/AA Employer. Applications from women and minority candidates are strongly encouraged.

International Calendar of Statistical Events


IMS meetings are highlighted in maroon with the  logo and new or updated entries have the  symbol. **t** means telephone, **f** fax, **e** email and **w** website. Please send additions and corrections to Tati Howell at bulletin@imstat.org

2002

September

 **3-6:** U of Plymouth, UK. IMS Session at the RSS International Conference: Statistical Analysis of Microarray Data. Speakers: Jun Liu, Harvard U; Jennifer Bryan, U British Columbia; Mark van der Laan, U California, Berkeley. **w** www.tech.plym.ac.uk/maths/research/stats/RSS2002.html

10-13: Washington DC. Microarray Data Analysis & Data Visualization and Interpretation. **w** www.healthtech.com

 **13-14:** Cape Cod, MA. First Cape Cod Workshop on Monte Carlo Methods. IMS Sponsored Mini-meeting Organizer: Jun S Liu, Harvard U **w** www.people.fas.harvard.edu/~junliu/workshop/index.html

13-14: Ames, Iowa. Topics in Linear Algebra (and Its Applications in Statistics). Huaqing Wu, Department of Statistics, Iowa State University, Ames, IA 50011; **t** (515) 294-8949 **f** (515)-294-4040 **e** isuhwu@iastate.edu **w** www.math.iastate.edu/lhogben/TLA/homepage.html

18-20: Chamonix, France. 2nd Euro-Japanese Workshop on Stochastic Modelling for Finance, Insurance, Production and Reliability **w** www.dma.utc.fr/Workshop/index.htm

23-24: Rimini, Italy. The European Network for Business and Industrial Statistics (ENBIS). Fabrizio Ruggeri, CNR IAMI, Via A.M. Ampere 56, I-20131 Milano, Italy **w** www.iami.mi.cnr.it/~fabrizio **t** +39 0270643206 **f** +39 0270643212 **e** fabrizio@iami.mi.cnr.it

24-27: Malaga, Spain. Third International ICSC Symposium on Engineering of

Intelligent Systems. ICSC-NAISO (Operating Division), PO Box 1091, 3360 BB Sliedrecht, The Netherlands **t** +31-184-496999 **f** +31-184-421065 **e** eis2002@ITStransnational.com (Operating Division), planning@icsc.ab.ca (Planning Division)

25-28: Porto, Portugal. 10th Conference of the Statistical Portuguese Society (SPE) including a tutorial on "Heterocedastic Models, Applications with Eviews software" on 25 September. Registration and abstract submission until May 15. www.fep.up.pt/spe2002

October

11-12: Texas A&M University. Frontiers of Statistical Research: a Celebration of the 40th Anniversary of the Department of Statistics. Thomas Wehrly **t** 979-845-3151 **f** 979-845-3144 **e** twehrly@stat.tamu.edu **w** stat.tamu.edu/40thanniversary

17-18: U of Copenhagen, Denmark. 2nd Thiele Symposium on Financial Econometrics. **w** www.math.ku.dk/~michael/thiele2

18-19: Northwestern University, Evanston, Illinois. 24th Midwest Probability Colloquium. Speakers: Oded Schramm (Weizmann Institute/Microsoft), Amir Dembo (Stanford), Fraydoun Rezakhanlou (Berkeley). Thursday Program tutorial lectures on Thursday, October 17 by Yuval Peres (UC Berkeley) and Balint Virag (MIT). Local organizer Mark Pinsky **e** pinkey@math.nwu.edu **w** www.math.nwu.edu/mwp

21-23: Sydney, Australia. International Clinical Trials Symposium, hosted by the NHMRC Clinical Trials Centre, University of Sydney. **e** enquiry@ctc.usyd.edu.au **w** www.ctc.usyd.edu.au/4news/Symposium2002/ICTS_home.htm


31 - November 3: Schloss Hoehenried, Bernried, near Munich, Germany. EWSM (Euroworkshop on Statistical Modelling): Model Building and Evaluation. Goeran Kauermann, Department of Statistics, University of Glasgow, Mathematics Building, University Gardens, Glasgow G12 8QW, UK **e** goeran@stats.gla.ac.uk **w** www.stat.uni-muenchen.de/euroworkshop/2002.html

November

14-17: Charleston, South Carolina. International Conference on Questionnaire Development, Evaluation and Testing. Jennifer Rothget, U.S. Census Bureau, Center for Survey Methods Research/SRD/FB #4, Rm. 3125, Washington, D.C. 20233 **t** (301) 457-4968 **e** jennifer.m.rothgeb@census.gov

22: Philadelphia, PA. 10th Annual Merck-Temple Conference on Research Topics in Pharmaceutical Statistics. **w** www.sbm.temple.edu/~biostat

December

 **2:** University of Alabama. IMS Mini-meeting: Statistical Integration of Genetic Information Across Data Domains: Biomedical, Agricultural, and Comparative Genomics. Organizer: David B Allison, Hemant Tiwari (U Alabama)


9-13: Savannah, GA. 9th Annual Biopharmaceutical Applied Statistics Symposium: 12 tutorials, 4 short courses, on topics related to research, development & regulation of pharmaceuticals, with emphasis on biostatistics. **e** KEPeace@gasou.edu

17-19: Hong Kong. International Conference on Applied Statistics, Actuarial Science and Financial Mathematics. **w** <http://>

International Calendar continued

//web.hku.hk/~icaaf

17-21: Cochin, India. International Conference on Stochastic Modelling and IV International Workshop on Retrial Queues. Chair: A Krishnamoorthy, Dept of Mathematics, Cochin University of Science and Technology, Cochin - 682022, India **e** ak@cusat.ac.in. Co-Chair: J R Artalejo, Dept of Statistics and OR, Complutense University, Madrid, Spain, **e** jesus_artalejo@mat.ucm.es

 **NEW** **21-22:** Kerala, India. IMS Mini-Meeting: Instructional Workshop On Matrix Analytical Method. Organizer: A. Krishnamoorthy, Cochin Univ of Science and Technology **w** http://www.cusat.ac.in/mam.htm

22-23: Trivandrum, Kerala, India. Statistics in the 21st Century. Dr N Krishnan Namboodiri, Ohio State University, Columbus, OH 43210, USA **t** 614-292-2308 **e** namboodiri.2@osu.edu or Dr P Sadasivan Nair, Population Centre, University of Kerala, Trivandrum, India **t** 418057 **e** psnair@vsnl.com

28-30: Chennai, Tamilnadu, India. Ranking and Selection, Multiple Comparisons, Reliability, and their Applications. N Balakrishnan, McMaster U, **e** bala@mcmaster.cis.mcmaster.ca N Kannan, U of Texas at San Antonio, **e** nkannan@utsa.edu H N Nagaraja, Ohio State U, **e** hnn@stat.ohio-state.edu

2003

January


2-4: Cochin, India. Statistics in Industry & Business. Contact Bovas Abraham, U of Waterloo, Canada **t** 519-888-4593 **f** 519-746-5524 **e** babraham@uwaterloo.ca **w** www.iiqp.uwaterloo.ca

 **NEW** **6-8:** Calcutta, India. Co-

sponsored meeting: International Workshop on Current Trends in Bayesian Statistics. Indian Statistical Institute. IMS Rep: Dipak Dey, U of Connecticut **w** http://www.isical.ac.in/~bws03


 **NEW** **10-11:** U of Florida, Gainesville, FL. IMS Sponsored Mini-meeting: Fifth Annual Winter Workshop: Conference on Functional Data Analysis. Funds available for students and junior researchers: apply to **e** marilyn@stat.ufl.edu by October 31. Contact Carol Rozear **e** carol@stat.ufl.edu **t** 352 392 1941 **w** www.stat.ufl.edu/symposium/2003/fundat

March

 **27-29:** U of Washington, Seattle. Co-sponsored: Seminar on Stochastic Processes. IMS Rep Chris Burdzy: **e** burdzy@math.washington.edu **w** www.math.washington.edu/~burdzy/SSP2003


 **NEW** **30-April 2:** Tampa, FL. ENAR/IMS Eastern Regional (Sponsored/Numbered meeting 280). Program Chair: Daniel Scharfstein, Johns Hopkins U **e** dscharf@jhsph.edu ; Contributed Papers Chair: Karl Broman, Johns Hopkins U **e** kbroman@jhsph.edu. Details on page 30 and at **w** www.enar.org

May


 **NEW** **14-17:** Chicago, Illinois. Conference on New Directions in Experimental Design (DAE 2003, Chicago). Focus: designs for biomedical and pharmaceutical studies. Contact Ken Ryan **e** kjryan@math.uic.edu **w** www.math.uic.edu/~kjryan/dae2003.html

21-24: Columbia, South Carolina. International Conference on Reliability and Survival Analysis. **w** www.stat.sc.edu/~padgett/ICRSA2003


June

 **NEW** **4-6:** University of Dayton, Ohio. Spring Research Conference On Statistics

In Industry And Technology: Sponsored by IMS and SPES section of ASA. Program chair: Russell V. Lenth, U of Iowa, **e** russell_lenth@uiowa.edu, Local arrangements: Peter W. Hovey, U of Dayton, **e** peter.hovey@not.es.udayton.edu

 **NEW** **8-11:** Halifax, Nova Scotia, Canada. Annual Meeting of the Statistical Society of Canada. Local Arrangements Chair: Chris Field, **e** field@mathstat.dal; Program Chair: Doug Wiens, **e** doug.wiens@ualberta.ca; **w** www.ssc.ca. Includes two IMS Invited Paper Sessions: 'Machine Learning Methods from a Statistical Perspective', contact Yi Lin **e** yilin@cs.wisc.edu and 'Shape-Restricted Inference', contact Mary Meyer **e** mmeyer@stat.uga.edu

9-12: (note new contact information) KIMEP, Almaty, Kazakhstan. ASIM 2003, International Conference on Advances in Statistical Inferential Methods. (theory and applications) **w** www.kimep.kz/research/asim **e** voinov@kimep.kimep.kz

 **NEW** **15-18:** Merida, Mexico. 23rd International Symposium on Forecasting. Principal organizer: Victor M. Guerrero (ITAM), **e** guerrero@itam.mx. **w** http://www.isf2003.org

 **NEW** **22-25:** Colorado School of Mines, Golden, CO. WNAR/IMS Western Regional (Sponsored/Numbered meeting 281). Program Chair: Naisyin Wang, Texas A&M **e** nwang@stat.tamu.edu Local Arrangements Chairs: Jan Breidt **e** jbreidt@stat.colostate.edu and Jan Hannig **e** hannig@stat.colostate.edu

23-26: Dublin, Ireland. International Symposium on Forecasting, ISF2002. John Haslett, Department of Statistics, Trinity College, Dublin 2, Ireland **t** +353 1 6081114 **f** +353 1 6615046 **e** john.haslett@tcd.ie **w** www.isf2002.org

24-27: Technical U of Gdansk, Poland. 1st World Congress on Information Technology

in Environmental Engineering (ITEE2003)
w www.icsc-naiso.org/conferences/itee2003

July

2-4: Palmerston, New Zealand. NZ
 Statistical Association Annual Conference.
w www-ist.massey.ac.nz/stats/nzsa2003


14-18: University of Antwerp,
 Belgium. International Conference on
 Robust Statistics 2003 (ICORS2003)
e statis@uia.ua.ac.be **w** win-www.uia.ac.be/u/icors03.htm

 **NEW** **23-27:** U of Puerto Rico, Rio
 Pedras Campus. First Joint ISBA-IMS
 Meeting (Sponsored/Numbered 282). Joint
 Program Chair: M J Bayarri, U de Valencia
e susie.bayarri@uv.es Local Arrangements
 Chair Luis Pericchi, U of Puerto Rico **e**
perricchi@goliath.cnet.clu.edu

 **NEW** **29-August 2:** U of California,
 Davis. IMS New Researchers Conference
 (Sponsored/Numbered meeting 283).
 Program Chair: Richard Levine, U of
 California, Davis **e** levine@wald.ucdavis.edu
 IMS Local Chair: Juanjuan Fan, U
 of California, Davis **e** jjfan@ucdavis.edu
w www.anson.ucdavis.edu/~levine/NRC

31-August 2: Corvallis, OR. Justus Seely
 Memorial Conference on Linear Models.
w www.oregonstate.edu/dept.statistics/seelyconf

August

 **3-7:** San Francisco, CA. Joint
 Statistical Meetings (ASA/IMS/ENAR/
 WNAR) including IMS Annual Meeting.
 Sponsored/Numbered 284. IMS Program
 Chair: Jane-Ling Wang, U of California,
 Davis **e** wang@wald.ucdavis.edu
 Contributed Papers Chair: Lutz Duembgen
e lutz.duembgen@stat.unibe.ch


10-20: Berlin, Germany: International
 Statistical Institute, 54th Biennial Session.
 Includes meetings of the Bernoulli Society,
 The International Association for Statistical
 Computing, The International Association

of Survey Statisticians, The International
 Association for Official Statistics and The
 International Association for Statistical
 Education. Including IMS Invited
 Paper Session, 'The Analysis of Gene
 Expression Data': contact Mike West **e**
mw@stat.duke.edu

2004

July

4-11: Copenhagen, Denmark. 10th
 International Congress on Mathematical
 Education. **w** www.icme-10.dk

 **NEW** **19-24:** Stochastic Networks
 Conference, Montreal, Canada.
w <http://www.stanford.edu/group/stochnetconf/>

August

 **NEW** **8-12:** Toronto, Canada. Joint
 Statistical Meetings (ASA/IMS/ENAR/
 WNAR). Sponsored/Numbered. IMS
 Program Chair: Michael Evans, U of
 Toronto **e** mevans@utstat.utoronto.ca

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In the next issue (November/ December 2002)

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