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# THE ISBA NEWSLETTER

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The official newsletter of the International Society for Bayesian Analysis.

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ISBA is a Scientific Society encouraging the interface between Bayesian Statistic methods and all other areas of science and policy-making.



## *ISBA 1996 World Meeting in Cape Town*

Escaping wintery climates all around the world many Bayesians visited the ISBA 1996 World Meeting in Cape Town. The ISBA World Meeting was preceded by a masterclass for graduate students from African countries like Botswana, Kenya, South-Africa, and Zimbabwe, who participated with great enthusiasm. The broad range of topics and the quality of the presented papers made the meeting a "Wonderful Moment of Bayesianism". Besides the tours organized by the outstanding conference organizer Tim Dunne, many of us took the opportunity for a longer stay in South Africa. Amongst these was Arnold Zellner, the founding president of ISBA, of who I succeeded in obtaining the accompanying picture.



Arnold Zellner, the founder of ISBA, leading the organization into new territory.

## ***Program ISBA World Meeting***

Fourth International Statistical Bayesian Meeting  
December 17-20, 1996,  
University of Cape Town,  
Cape Town, South Africa

### **SATURDAY 14-MONDAY 16 DECEMBER**

Education and Research Workshop in Bayesian Analysis by A. Corquero (Iowa State Univ), J. Geweke (Univ of Minnesota), S.J. Press (Univ of California) and A. Zellner (Univ of Chicago)

### **MONDAY DECEMBER 16TH**

16:00 Registration  
19:00 Cocktail

### **TUESDAY DECEMBER 17TH**

07:30 Registration  
08:20 Opening session  
08:45 Organized session : Arnold Zellner (Univ of Chicago) Bayesian Statistical Education  
Room C : Chairman : G Kaufman (MIT)  
1: A Zellner, (Univ of Chicago)  
Experiences in Teaching Graduate Students  
Bayesian Analysis in Econometrics  
2: S Fienberg (Carnegie Mellon Univ)  
Teaching Bayesian Approaches to Legal Thinking  
3: DJ de Waal, (UQFS)  
Teaching Bayesian Statistical Analysis in Reliability and Survival Analysis

10:40 Contributed session  
Room A : Chairman : JI de Wet (Vista University)  
I Abramson (Univ of California at San Diego),  
Empirical Bayes Shrinkage Methods for Unbalanced Repeated Measures  
Room B : Chairman : IN Litvine (Univ of Port Elizabeth)  
D Fraser (Univ of Toronto)  
How much Model Information can/should a Bayesian Analysis Use?

11:05 Organized session : John Geweke (Univ of Minnesota) Bayesian Analysis of Longitudinal Data  
Room C : Chairman : DJ Poirier (Univ of Toronto)  
1: G Chamberlain, (Harvard Univ)  
Predictive Distributions and Life-Cycle Behaviour  
2: John Geweke (University of Minnesota)  
Forecasting Poverty and Earnings : An Empirical

Analysis of the Male Income Dynamics in the PSID : 1968-1989

13:45 Organized session : H van Dijk (Erasmus Univ Rotterdam) Bayesian Inference in Dynamic Econometric and Statistical Modelling  
Room C : Chairman : HK van Dijk (Erasmus Univ Rotterdam)  
1: F Kleibergen (Erasmus Univ. Rotterdam)  
Equality Restricted Random Variables: Densities and Sampling Algorithms  
2: R Paap (Erasmus Univ. Rotterdam)  
Priors, Posterior Odds and Lagrange Multiplier Statistics in Bayesian Analyses of Cointegration  
3: HK van Dijk (Erasmus Univ. Rotterdam)  
Bayesian Analysis of Stochastic Trends in Structural Time Series Models

15:20 Contributed session  
Room A : Chairman : Z Wang (Univ of Virginia) M Young (Univ of Michigan)  
Bayesian Binary Regression with Measurement Error and Autocorrelation, with Application to Mortgage Default Models  
Room B : Chairman : AJ van der Merwe (UQFS) A de Vos (Free University, Amsterdam)  
The Fair Bayes Factor : Beautiful answers but what is the question?  
15:40 Tea/Coffee  
16:00 PANEL DISCUSSION ON PRACTICAL IMPLICATIONS OF BAYESIAN ANALYSIS by G. Chamberlain (Harvard Univ), J. Geweke (Univ of Minnesota) and D. Poirier (Univ of Toronto)  
Room C : Chairman : H van Dijk (Erasmus Univ)

### **WEDNESDAY DECEMBER 18TH**

08:20 Contributed sessions  
Room A : Chairman : JL du Plessis (UQFS)  
G Kaufman (MIT)  
Reasoning with Incomplete Probabilistic Knowledge  
Room B : Chairman : CS Vrijen (Univ Port Elizabeth)  
BR Bhat (Univ of Botswana)  
On Some Foundational Problems of Inference for Stochastic Processes

08:45 Special invited session : Comparative Statistical Inference I  
Room C : Chairman : J Press (Univ of California) A Zellner (Univ of Chicago)  
The Bayesian Method of Moments (BMOM) Approach: Theory and Applications  
Discussions : S Geisser (Univ of Minnesota) and

T Seidenfeld (Carnegie Mellon Univ)  
10:15 Tea/Coffee

10:40 Contributed sessions

Room A : Chairman : DJ de Waal (UOFS)  
JP Florens (Univ of Toulouse)  
Simulation of Posterior Distribution in  
Nonparametric Censored Analysis  
Room B : Chairman : LP Fatti (Univ of Wits)  
JH Skilling (DAMTP, Cambridge)  
Massive Inference: Beyond Maximum Entropy

11:05 Organized session : SJ Press (Univ of  
California) Comparative Statistical Inference II  
Room C : Chairman : J Press (Univ of  
California)

1: M Laviolette (McNeese State Univ)  
The Fuzzy and Bayesian Viewpoints :  
Comparisons, Controversies and Outlook  
2: FJ Samaniego (Univ of California)  
Comparing Bayes and Frequentist Estimators in  
Compound Decision Problems

12:25 Lunch

14:00 EXCURSION

THURSDAY DECEMBER 19TH

08:20 Contributed sessions

Room A : Chairmen : C Gordon (ISCW, Pretoria)  
GJ Holloway (Univ of California)  
Food-safety, Good Quality and Bayesian  
Regulation  
Room B : Chairman : J Mortera (Univ of Rome)  
YH Liu (Univ of British Columbia)  
Modelling Disagreements Among and Within  
Rater's Assessments from the Bayesian Point of  
View

08:45 Organized session : J Bernardo (Univ of  
Valencia) : Model Choice

Room C : Chairman : PCN Groenewald (UOFS)  
1: E Moreno (Univ of Granada)  
The Intrinsic Bayes Factor for Model  
Comparison

2: J Mortera (Univ of Rome)  
Bayesian One-sided Hypothesis Testing and  
Comparison of Separated Models

10:15 Tea/Coffee

10:40 Contributed sessions

Room A : Chairman : JI de Wet (Univ of Viterbo)  
S Bose (George Washington Univ.)  
Bayesian Finite Population Sampling :  
Non-dependence on Population Size

Room B : Chairmen : LP Fatti (Univ of Wits)

D Haughton (Bentley College)  
Information Criteria for Multiple Data Sets and  
Restricted Parameters

11:05 Organized session : J Lee (National  
Chiao Tung Univ) Predictive Inference on  
Growth Curves

Room C : Chairman : S Fienberg (Carnegie  
Mellon Univ)

1: D von Rosen (Univ of Uppsala, Sweden)  
Bayesian Analysis of an Extended Growth Curve  
Model

2: J Lee (National Chiao Tung Univ)  
On Estimation and Prediction for Temporally  
Correlated Longitudinal Data

12:25 Lunch

13:45 Organized session : AJ van der Merwe  
(UOFS) Bayesian Statistics in Animal Science I-  
Room C : Chairman : AJ van der Merwe (UOFS)

1: D Gianola (Univ of Wisconsin)  
Mixed Effects Linear Models with  
T-Distributions and Applications in Animal  
Breeding

2: PCN Groenewald (UOFS)  
Bayesian Methods in the Analysis of Milk  
Production

2: A Carriquiry (Iowa State Univ)  
Bayesian Estimation of Genetic Trend

15:20 Contributed sessions

Room A : Chairman : J Lee (National Chiao  
Tung Univ)  
A Ainslie (Univ of Chicago)

Brand Choice Across Multiple Categories : A  
Hierarchical Error-Components Model

Room B : Chairman : I Garisch (UOFS)  
D Chalton (University Western Cape)  
Parameter Changes in the Multiple Regression  
Model

15:40 Tea/Coffee

16:00 Organized session : A Shemyakin (St  
Thomas Univ) Bayesian Approach to Portfolio  
Management

Room C : Chairman : D von Rosen (Univ of  
Uppsala, Sweden)

Z Wang (Columbia Univ)  
Bayesian Inference on the Efficiency Loss  
Associated with Constraints on Portfolio  
Holdings

Discussion : M Young (Univ of Michigan)

and A Greyserman (Mint Investments)  
17:20 BUSINESS MEETING

FRIDAY DECEMBER 20TH)

08:20 Contributed sessions

Room A : Chairman : N Reid (Univ of Toronto)  
LM Haines (Univ of Natal)  
An Approach to Bayesian Group Decision Making

08:45 Organized session : PCN Groenewald (UOFS) Meta Analysis and Imaging

Room C : Chairman : PCN Groenewald (UOFS)  
1: J Press (Univ of California)  
Coherent Bayesian Meta-Analysis  
2: LP Fatti (Univ of the Witwatersrand, Johannesburg)  
A Random Effects Model in Spatial Classification  
10:15 Tea/Coffee

10:40 Contributed session

Room A : Chairman : J Liu (Univ of British Columbia)  
H Wago (Niigata Univ, Japan)  
Bayesian Semi-Parametric Estimation of Production Function  
Room B : Chairman : BR Bhat (Univ of Botswana)  
C Gordon (ISCW Pretoria)  
Bayesian Neural Network Modelling of Forest Tree Growth

11:05 Organized session : AJ van der Merwe (UOFS) Bayesian Statistics in Animal Science II

Room C : Chairman : A Camquiry (Iowa State University)  
1: K Ye (Virginia Tech, USA)  
Bayesian Approach to a Repeated Measurement Model  
2: JL du Plessis (UOFS)  
Bayesian Estimation in Mixed Linear Models using Reference Priors  
12:25 Lunch

13:45 Organized session : J Zidek (Univ of British Columbia) Bayesian Time Series

Room C : Chairman : H van Dijk (Erasmus Univ, Rotterdam)  
1: G Kitagawa (ISM, Tokyo)  
Self-Tuning of State Space Models  
2: J Liu (Univ of British Columbia)  
Expected TSE Returns and Dividend Yields - A Dynamic Linear Model Approach  
3: W Polasek (Univ. of Basel)

ISAR-ARCH (s, q) Processes for Irregularly Spaced Time Series

15:20 Contributed session

Room A : Chairman : JL du Plessis (UOFS)  
JW Kruger (Univ. Witwatersrand)  
Using a Bayesian Algorithm to find Latent Structure  
Room B : Chairman : CS Vrijen (Univ Port Elizabeth)  
DJ Poller (Univ of Toronto)  
Revising Beliefs in Non-Identified Models  
15:40 Tea/Coffee

16:00 Contributed session

Room A : Chairman : LM Haines (Univ. of Natal)  
1: IN Litvine (Univ of Port Elizabeth)  
Bayesian Analysis of the Data on Attitude towards Crime of South African Students-  
2: JL Hillard-Lomas (Univ of Port Elizabeth)  
Bayesian Models for Rugby Tournaments  
3. TE Litvine (Univ. Of Port Elizabeth)  
Binomial-Poisson Models for Round Robin Tournaments



Report from the ISBA Program Committee

I write as I am finishing office chores and preparing to leave for the ISBA Meeting in Cape Town. I am pleased to report that we have ISBA Program Committee Report approved by ISBA Board of Directors: April, 1997; Revised draft: May 1, 1997.

The Program Committee met in Capetown, South Africa, on December 1996. Present were Stephen Fienberg representing the ISBA Executive Committee, John Geweke, and Alicia Camquiry. The main topics on the agenda were ISBA's upcoming meeting schedule in the short, medium, and long terms, and, more importantly, an operational procedure for establishing meeting schedules in the future. This report is an outgrowth of that meeting and subsequent correspondence among the members of the Program Committee. ISBA sponsors or co-sponsors three types of meetings: (1) World meetings; (2) regional meetings; and (3) meetings primarily sponsored by other societies and co-sponsored by ISBA.

### **World meetings:**

#### **- Timing:**

Since 1993, ISBA has had four World meetings (San Francisco, Valencia, Oaxaca, Capetown) and will hold its fifth World Meeting in Istanbul, next August 1997. Dwindling numbers of participants, together with an increase in the number of statistical meetings in general, suggest a reduction in the frequency of World meetings. In this regard, the Program Committee recommends that World meetings be held every three or even four years, starting the new cycle with the VI World Meeting in the year 2000.

**Recommendation 1:** That ISBA hold World meetings every four years.

A four-year cycle would allow ISBA and Valencia meetings to alternate, providing one major Bayesian meeting every other year. The ISBA World meetings would then "stand alone" rather than be merely a "satellite" to another conference, as it has been so often in the past. ISBA World meetings have almost always been held in conjunction with other major meetings, and this has at least two disadvantages: (1) it diminishes the stature of ISBA's World meetings; (2) it imposes the burden on ISBA's delegates of having to choose whether to submit their paper to ISBA's World meeting or to the other major conference.

#### **Venue:**

Regarding venue, the Committee recommends that suggestions be requested from the ISBA membership, subject to the following criteria: World meetings should be held in locations easily accessible to a large proportion of our membership around the world. A local organizing committee needs to be in place before we commit to a venue. This local organizing committee would assume primary responsibility for the usual organizational tasks. A Conference Manual modeled after the manual used by the International Biometric Society will be developed by the Program Committee in time for the Istanbul meeting. The manual will then be available for distribution to future organizing committees. (Note 1: The IBS Conference Manual is the only manual we are aware of, and thus was chosen as a model. Note 2: timing is subject to our obtaining a copy of the IBS conference manual sometime soon.)

Ideally, local institutions would provide some funds for the running of the meeting and other expenses. Thus, the availability of local funds should be kept in mind when choosing a venue.

**Recommendation 2:** A. That ISBA's Program Committee solicit suggestions for future World meeting venues from the Membership. B. That accessibility and availability of local resources serve as selection criteria.

#### **Funding:**

World meetings need to be organized with ample lead time. One and one-half to two years would seem the minimum amount of time needed to plan and organize a World meeting of the quality required by ISBA. With enough planning time, it will be possible to request funds from institutions and government agencies such as the National Science Foundation in the United States, to help with travel costs of participants, especially those coming from developing countries. Special emphasis should be placed on raising enough funds to bring students, young researchers, and researchers from developing countries to future World meetings. ISBA's Program Chair, and the meeting organizing and local committees would be primarily responsible for soliciting funds from the appropriate agencies. As with the Conference Manual, the Program Committee will prepare a Proposal Manual to guide future committees raising funds. The Proposal Manual will include a set of proposals that have been successfully submitted by other conference organizers (not necessarily associated with ISBA) to a variety of agencies.

**Recommendation 3:** That funds be raised to increase participation of students, young researchers, and members from developing countries (including Eastern European countries) in ISBA World Meetings.

### **Regional meetings:**

#### **Timing and Venue:**

Regional meetings have been held in Toronto and Chicago, as satellite meetings to the Joint Statistical Meetings. We expect an increase in the number of Regional meetings due mainly to: The creation of several ISBA chapters, in India, Chile, and soon Southern Africa, which will be holding their own regional meetings. As an example, the Chile Chapter held its II Seminar on Bayesian Statistics in Antofagasta, Chile,

January 8-10, 1997.

**The decrease in the frequency of ISBA World meetings.**

The ISBA Program Committee will not be primarily responsible for scheduling future Regional meetings. Rather, local organizing committees are expected to submit a request for meeting to ISBA's Program Committee, with a proposed date and venue for the meeting. ISBA will then evaluate each request on its own merits and in relation to other requests that may have been submitted by other groups. The idea is to avoid inefficiencies such as sponsorship of different meetings in the same region at the same time.

**Recommendation 4:** That the Program Committee inform the full membership that a request for meeting is to be submitted to ISBA when organizing Regional meetings. The Executive Board should consider imposing a limitation on the number of Regional meetings that will be allowed per year.

**Funding**

ISBA will not take responsibility for raising money to finance Regional meetings. However, ISBA should assist organizing committees by officially endorsing proposals for funds where necessary, for example.

**Recommendation 5:** That funding for Regional meetings will be the responsibility of the corresponding organizing committees.

**Co-sponsorship:**

ISBA has co-sponsored several meetings in the past. Two recent examples are the meeting in honor of Seymour Geisser, held in Taiwan in 1994, and the NSF-NBER Econometrics Seminar, Chicago, 1996. We are already committed to co-sponsoring the MaxEnt Workshop to be held in Boise, Idaho, in August 1997, and request for co-sponsorships have been received from the MaxEnt group for their next workshop, and from a member of the organizing committee for the IV International Forensic Statistics Conference, to be held in 1999. It is difficult to come up with a set of general rules for co-sponsorship of meetings. Clearly, issues related to timing and venue will often be out of our control, and the decision to lend ISBA's name should be made at each instance, depending on criteria including: (1)

quality and appropriateness; (2) whether the conference theme is of potential interest to ISBA membership; (3) timing; (4) who the other co-sponsoring organizations are. ISBA should be selective about granting co-sponsorship, and actively participate in the organization of the meeting and in the meeting itself once a decision to co-sponsor has been reached by the Board. Ideally, ISBA members should: (1) participate in the organizing committee of any meeting ISBA is co-sponsoring, and (2) be encouraged to present talks at the meeting. To ensure that ISBA can be an active player in the organization of the meeting, we will only consider requests for sponsorship received no later than 10 months to a year prior to the meeting time.

**Recommendation 6:** That the decision to co-sponsor be based on a set of criteria that includes (1) quality and appropriateness; (2) potential interest to ISBA membership; (3) timing. ISBA will only consider requests for sponsorship received no later than 10 months to a year prior to the meeting time; (4) who the other co-sponsoring organizations are.

**Informing our membership:**

Once the Program Committee, in consultation with the Executive Board, finalizes a document that outlines the rules for organizing and co-sponsoring meetings, the document's content will need to be summarized for the membership. The Program Committee will be primarily responsible for writing, for the next issues of the ISBA Newsletter, articles containing the following information:

- ISBA's new mechanisms for planning World, Regional, and co-sponsored meetings, including new rules to be followed by those planning to organize a meeting. Request for meeting sample forms will also be published.
- Requests for suggestions regarding the World meeting schedule. We need to solicit suggestions for venues for the year 2000 World meeting, since planning for that meeting should ideally begin one year from now.
- A list of upcoming Regional meetings.
- A list of those meetings that ISBA is

planning to co-sponsor in the course of the coming year, to give membership enough time to submit abstracts.



**Frank Kleiberger**  
**The New ISBA**  
**Newsletter Editor**

Starting with this issue of the ISBA newsletter I am the new ISBA newsletter editor. I am a postdoctoral fellow at the Econometric Institute of the Erasmus University Rotterdam. I also graduated from this institute in 1994, with a dissertation on Bayesian analysis of econometric models with identification problems. More information about my current research is available on my homepage, which is listed below. Before returning to Rotterdam, I was assistant professor at Tilburg University. As newsletter editor I continue the work of the retired editor, Jeffrey Dorfman. I try to maintain the high quality standards he has set for the newsletter.

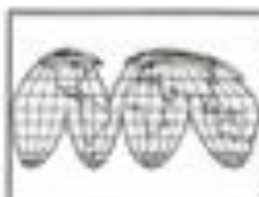
As the newsletter is not an outlet for pure scientific information only, I invite the members to submit any kind of information which is of general interest for Bayesians. As there is a strong need for information on (applied) Bayesian statistics besides the scientific journals, the ISBA newsletter can serve a need in this respect.

I am also trying to start a column on our other important task next to research, teaching of Bayesian statistics. The World meeting had an excellent session on this topic which made me think to devote part of the newsletter to it. In this way we obtain knowledge on how Bayesian Statistics is taught and it helps persons who want to start a course on Bayesian statistics. I invite persons to submit one/two page summaries of their courses on Bayesian statistics and will try to publish one in every newsletter.

Any information of interest to the ISBA members for possible inclusion in future issues of the newsletter should be sent to me at the address listed below.

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Homepage: <http://www.eur.nl/few/wk/few/fewby/fewbygeren>



## CONFERENCES

The 1997  
Maximum-Entropy and  
Bayesian Workshop will be  
a joint meeting with The  
International Society For Bayesian Analysis and  
will be held at Boise State University, Boise  
Idaho August 4-8, 1997

### Location

The 17th Annual Workshop on Maximum Entropy and Bayesian Methods will be held at Boise State University, in Boise, Idaho, August 4-8, 1997. The International Society for Bayesian Analysis is co-sponsoring the Workshop for the first time. The meeting will be residential and take place on the Boise State University Campus. Dormitory rooms are available on campus and hotel accommodations are available for those who would prefer to stay off campus. There will be a tutorial on Bayesian Statistics, most likely on Sunday afternoon, and other tutorials during the week.

### Program Committee

Gary Erickson (Boise State U - Boise), Co-Chair  
[gerickso@cme.idbsu.edu](mailto:gerickso@cme.idbsu.edu)  
Mike Knoll (Boise State U - Boise), Co-Chair  
[mknoll@cgis.idbsu.edu](mailto:mknoll@cgis.idbsu.edu)  
Amos Golan (U of California - Berkeley)  
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Mike Miller (Washington U - St. Louis)  
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Doug Miller (Iowa State U)  
Anand Ramaswami (Max-Planck Institute for Plasma Physics, Garching)  
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[teddy@stat.cmu.edu](mailto:teddy@stat.cmu.edu)  
Kenneth Hanson (Los Alamos National Lab)  
[knh@lanl.gov](mailto:knh@lanl.gov)  
Able and welcome assistance is provided by Stephen Fienberg (Carnegie Mellon U)  
[fienberg@stat.cmu.edu](mailto:fienberg@stat.cmu.edu) and Alicia Cantiquy (Iowa State U)  
[alicia@iastate.edu](mailto:alicia@iastate.edu)

#### Call For Papers

The scientific program consists of invited, contributed and poster paper sessions. Tutorials are being arranged on several subjects. The Program Committee is inviting contributed papers which will be assigned to regular and poster sessions. Authors of contributed papers should send or e-mail a title and short abstract to one of the Program Committee members no later than June 15, 1997. Kluwer Academic Publishers has agreed to publish the scientific proceedings of the conference.

Gary Erickson  
Department of Electrical Engineering  
Boise State University  
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#### Travel Support

Limited funds have been secured to partially cover travel expenses for junior researchers and advanced graduate students participating in the workshop. To apply for travel funds, please write to Prof. Gary Erickson and request the appropriate travel forms. The completed travel form must be received no later than June 15, 1997. An ad-hoc conference committee will review the applications and will send notification of awards by July 15, 1997. Members of underrepresented groups are especially encouraged to apply for funds.

#### Registration and Payments

Please complete the enclosed meeting and residence registration forms and return them, no later than June 30, to:

Gary Erickson  
Department of Electrical Engineering  
Boise State University  
Boise, Idaho 83725

Dorm room accommodations will cost approximately \$10 per night. For information about hotel accommodations please e-mail Gary Erickson, as there are several choices. The registration fee for the meeting is \$250 (which includes a copy of the proceedings plus all conference refreshments) unless we get funding, which looks promising. If the funds arrive we will reduce the fee accordingly. The fee has been in the range of \$350 for previous meetings.

Name

Address

Telephone

Fax

e-mail

Will you be contributing a paper?

Yes

No

If Yes, then please send a title and a short abstract to Gary Erickson, at the address listed above.

**Case Studies in Bayesian Statistics Workshop 4  
September 26 - 27, 1997  
Carnegie Mellon University  
Pittsburgh, PA 15213**

The Fourth Workshop on Case Studies in Bayesian Statistics will take place September 26-27, 1997, at Carnegie Mellon University in Pittsburgh, Pennsylvania. The Workshop will present and discuss in depth a select set of substantial applications of Bayesian statistics to problems in science and technology. The main purpose of the Workshop is to explore the interplay between statistical theory and practice in the context of concrete research projects.

#### Tentative Meeting Agenda:

Friday, September 26  
8:30am - 4:15 pm Case Studies 1 & 2 (with a break for lunch)  
4:30-6:00 pm Fourth Morris H. DeGroot Lecture and Reception  
6:00-7:30 pm Poster Session: Contributed Papers  
7:30-9:30 pm Dinner

Saturday, September 27



8:30am - 4:30 pm Case Studies 3 & 4 (with a break for lunch)

**Invited Case Studies:**

-Modeling Risk of Breast Cancer and Decisions about Genetic Testing, Giovanni Parmigiani, ISDS, Duke University; Joellen Schildkraut, Cancer Control Unit, Duke University Medical Center; Eric Winer, Department of Medicine, Duke University Medical Center; and Don Berry, Ed Iversen, and Peter Mudler, ISDS, Duke University.

-Customer Value Analysis, Linda Clark, Bill Cleveland, Lorraine Denby, and Chuanhai Liu of Bell Labs; and Lili Zhou and Judy Gordon of Microelectronics.

-Functional Connectivity in the Cortical Circuits Subservicing Eye Movements, Christopher R. Genovese of the Department of Statistics, Carnegie Mellon; and John A. Sweeney of Western Psychiatric Institute and Clinic, University of Pittsburgh.

-Population Pharmacokinetic Modeling in Drug Development, Jan Wakefield, Department of Epidemiology and Public Health, Imperial College School of Medicine at St. Mary's, London, UK; Leon Aaron, Department of Pharmacy, University of Manchester, UK; and Amy Racine-Poon, Biometrics Group, Ciba-Geigy, Basel, Switzerland.

We are accepting abstracts for contributed papers through August 1. Abstracts for all workshop sessions will be available on our web site: <http://www.stat.cmu.edu/Bayes97.html>.

The Department of Statistics at Carnegie Mellon will host the Fourth Morris H. DeGroot Memorial Lecture and Reception on Friday, September 26th. Our guest lecturer will be Brad Efron, Professor of Statistics at Stanford University. Past lecturers have been Adrian F.M. Smith, A.P. Dawid, and James O. Berger.

**Accommodations:**

All workshop sessions will be held in the new University Center building on the CMU campus. Both the Holiday Inn Hotel and the University Center are accessible to persons with disabilities. We have reserved a block of rooms at the Holiday Inn-University Center in Pittsburgh, which is close to the CMU campus. The room rate is \$100 per night for either regular or executive rooms (single or double occupancy). When you make your reservation

(1-800-864-8287), please mention you are with the Bayesian Statistics Workshop. The Holiday Inn provides free van shuttle service to CMU. Parking is also available at a rate of \$12 per day.

**Registration:**

The cost of registration is \$100. This covers the cost of the conference, all breaks, Thursday night poster session and sit-down dinner, and the conference proceedings. Please register by August 29th so we can be sure to accommodate you. You can register for the conference: by phone (412-268-8463), by email ([bayes@stat.cmu.edu](mailto:bayes@stat.cmu.edu)), by U.S. mail (Bayesian Workshop, Department of Statistics, Carnegie Mellon University, Pittsburgh, PA 15213), or through our web page (<http://www.stat.cmu.edu/Bayes.html>).

**Financial Assistance:**

We are expecting about 120 researchers to register for this workshop. Limited travel support is available for workshop participants. We especially want to encourage young researchers, women, underrepresented minorities, and disabled persons to attend and apply for support. If you are requesting travel support, please indicate both how much you are requesting, and also the minimum amount you must receive in order to participate. All expenses must be paid for by the participant and then a request for reimbursement submitted to Bayesian Workshop at the address above.

**Organizers:**

Members of the organizing committee are: Brad Carlin, Alicia Carriguiry, Constantine Gatsonis, Andrew Gelman, Rob Kass, Isa Verdinelli, and Mike West.

Questions about substantive issues of the workshop should be directed to: Rob Kass ([kass@stat.cmu.edu](mailto:kass@stat.cmu.edu)) or Isa Verdinelli ([isabella@stat.cmu.edu](mailto:isabella@stat.cmu.edu)) in the Department of Statistics at Carnegie Mellon University (phone: 412-268-2717 or fax: 412-268-7828).

Questions about arrangements should be directed to Norene Meert (email: [bayes@stat.cmu.edu](mailto:bayes@stat.cmu.edu) or phone: 412-268-8463). Our mailing address is: Department of Statistics, Baker Hall 132, Carnegie Mellon University, Pittsburgh, PA 15213-3890.

**Third North American Conference of New Researchers.**

July 23-26, 1997, Laramie, Wyoming, U.S.A.  
For further information, see  
<http://www.math.unm.edu/NR97.html> or  
contact Dr. Apama V. Huzurbazar, Department  
of Mathematics and Statistics, University of  
New Mexico, Albuquerque, NM 87131-1141,  
USA, email: [apama@math.unm.edu](mailto:apama@math.unm.edu)

**INTERNATIONAL SOCIETY FOR BAYESIAN  
ANALYSIS Fifth World Meeting: ISBA97**  
Istanbul, Turkey August 16-18, 1997

**LOCATION**

The Fifth World Meeting of the International  
Society for Bayesian Analysis (ISBA) will be  
held in Istanbul Turkey during August 16-18,  
1997 as a satellite meeting to the 51st Session  
of the International Statistical Institute (ISI) in  
Istanbul.

The meeting will be residential and take place in  
the Istanbul Polar Renaissance Hotel which is a  
five star hotel 15km's from the center of the  
city. The meeting runs from Saturday, August  
16 to Monday August, 18 (noon). The  
participants are expected to arrive in Istanbul on  
the evening of Friday, August 15. The ISI  
meeting starts in Istanbul immediately after the  
ISBA meeting.

**PROGRAM COMMITTEE**

Hamparsum Bozdogan (Univ. of Tennessee),  
Co-Chair  
Refik Soyer (George Washington Univ.),  
Co-Chair  
Jose Bernardo (University of Valencia, Spain)  
Roger Cooke (Delft University, Netherlands)  
Petros Dellaportas (Athens University, Greece)  
David Dawe (Monash University, Australia)  
William Fitzgerald (Univ. of Cambridge, UK)  
Edward George (Univ. of Texas-Austin, USA)  
Ulku Gurler (Bilkent University, Turkey)  
Julia Mortera (University of Rome, Italy)  
Wolfgang Polasek (Univ. of Basel, Switzerland)  
Nick Polson (University of Chicago, USA)  
Kazuo Shigemitsu (University of Tokyo, Japan)  
Ehsan Soofi (Univ. of Wisconsin-Milwaukee)  
Isabella Verdelli (Carnegie Mellon Univ., USA)  
Mike West (Duke University, USA)

**ORGANIZING COMMITTEE**

Ulku Gurler (Bilkent University, Turkey), Chair  
Alaattin Erkanli (Duke University, USA)  
Omer Gebizlioglu (Turkish State Stat. Inst.,  
Turkey)  
Suleyman Ozekici (Bogazici University, Turkey)  
Mehmet Sahinoglu (Dokuz Eylul Univ., Turkey)  
Refik Soyer (George Washington Univ.)  
Yalcin Tuncer (Middle East Technical Univ.,  
Turkey)

**CALL FOR PAPERS**

The scientific program will consist of invited,  
contributed and poster paper sessions. The  
Program Committee is inviting contributed  
papers which will be assigned to regular and  
poster sessions. Authors of contributed papers  
should send (or e-mail) a title and a short  
abstract to one of the Program Committee  
Co-Chairs no later than February 15, 1997.

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**REGISTRATION AND PAYMENTS**

Please complete the enclosed meeting and  
residence registration forms and mail them with  
your check in US\$, payable to "George  
Washington University-ISBA 97", to:

Refik Soyer  
Department of Management Science, Monroe  
Hall 403  
The George Washington University  
Washington, DC 20052, USA

Please mail the forms before May 1, 1997 to guarantee hotel registration. Reservations after this date are subject to availability.

### MEETING REGISTRATION FORM

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Registration Fee (please check one):

\$50 (for ISBA Members)

\$75 (for nonmembers, which includes \$25 ISBA membership)

### RESIDENCE REGISTRATION FORM

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

### Hotel Reservation

Arrival Date: \_\_\_\_\_

Departure Date: \_\_\_\_\_

Name of accompanying person, if any: \_\_\_\_\_

Please mark your selection:

Single Room: \$ 405       Double Room: \$ 355 (per person)

The residence fee includes 3 nights accomodation, all meals, transfer from the airport to the hotel, a local tour on Saturday, August 16, a Gala dinner on the Bosphorus with a boat cruise on Sunday, August 17 and all taxes. Additional nights of stay can be arranged by contacting OTARI Tours:

OTARI Tours

Kalipci sok. No. 119/10

80200 Tesvikiye, Istanbul

TURKEY

Tel: 90-212-234 4580      Fax: 90-212-248 3110