

Dorothy D. Dunlop, *Northwestern University* — A Model-Based Approach for Estimating the AIDS-free Time Distribution for Homosexual Men using Longitudinal Data.

Edward A. Frongillo, *Cornell University* — Covariance Properties of Hierarchical Models.

Clare A. Gnecco, *Memorial Sloan-Kettering Cancer Center* — Decision Theoretic Clinical Trial Designs.

Jane C. Lindsey, *Dana Farber Cancer Institute* — A Comparison of Continuous and Discrete Time Three State Models for Rodent Tumorigenicity Experiments.

James L. Norris, *Wake Forest University* — A K-th Order Bootstrap Estimator of the Number of Classes of Objects.

Nancy A. Obuchowski, *University of Pittsburgh* — Estimators of Variance Components in Multi-Reader ROC Studies.

Giovanni Parmigiani, *Carnegie Mellon University* — On Optimal Screening Schedules.

Gina R. Petroni, *University of Michigan* — A Two-Sample Test for Stochastic Ordering with Interval Censored Data.

Jugsywan H. Sepanski, *Texas A&M University* — Semiparametric and Quasi-Likelihood Estimation in Models with Surrogate Predictors.

Dalene Stangl, *Carnegie Mellon University* — Modeling Center Heterogeneity in Multi-Center Clinical Trials: A Hierarchical Approach.

Jay M. Ver Hoef, *Iowa State University* — Multivariable Spatial Prediction.

Shan-Tair Wang, *The Ohio State University* — Semiparametric Estimation for the Gamma Frailty Model with Covariates.

J.S. Lin, *University of Wisconsin-Madison* — Linear Regression Analysis for Multivariate Failure Time Observations.

Ying Lin, *University of Miami School of Medicine* — Analysis of Animal Carcinogenicity Experiments with Multiple Tumor Types.

#### Joint Statistical Meetings

The invited paper sessions co-sponsored by ENAR and WNAR scheduled for the 1991 Joint Statistical Meetings with the American Statistical Association, and the Institute of Mathematical Statistics include: Detection of Aberrations in Public Health Surveillance Data (*organized by D. Stroup*), Insect Dispersal Modeling (*J. Matis*), Statistical Methods in Analysis of Infectious Disease Data (*M. Haber*), Drug Development Trials in Disease Prevention (*K. Peace*), Non-Linear Models with Repeated Measures in Small Samples (*K. Muller*), Paired Comparisons for Ordered Categorical Responses (*R. Thisted*), Practical Applications of Bayesian Methods for Clinical Trials (*L. Freedman*), Intention to Treat Analyses

(*P. Peduzzi*), Statistical Methodological Issues in Injury Research (*S. Bangdiwala*), Statistical Methods for Modern Genetics Data (*E. Thompson*), Statistics in Epidemiology (*S. Greenland*), Vaccine Trials in AIDS (*W. Rida*), Policy, Science, Statistics: Impact on Health Studies (*S. Stinnett*), Evaluation of Intervention and Prevention Strategies (*E. Frazier*), Growth Curves (*J. Lee*), Statistical Methods for Environmental Epidemiology (*W. Piegorsch*), Methodological Issues in the Analysis of Health Surveys (*D. Brock*), Semiparametrics (*J. Cuzick*), Measurement Error Models for Epidemiology (*B. Rosner*), Meta-Analysis as a Policy-Making Tool (*J. Berlin*). This meeting will be held from 19–22 August in Atlanta, Georgia. For more information contact: Meetings Dept, American Statistical Assn, 1429 Duke Street, Alexandria, Virginia 22314–3402, USA.

#### Box retires

George Box will retire from the University of Wisconsin effective 31 July of this year.

#### Patil appointment

G. P. Patil has been appointed Distinguished Professor at the Pennsylvania State University. Professor Patil is awarded the title on the basis of his "exceptional record of teaching, research, and service."

#### Outgoing Correspondent

Thanks to our ENAR Correspondent, **Trudy L. Burns**.

For the past six years, since the inception of *Biometric Bulletin*, Trudy has served as the ENAR Correspondent. Her efforts have been greatly appreciated.

#### Vermont news

John Aleong has been promoted to Research Full Professor, and Larry Haugh, Professor of Statistics, has been appointed Director, in the Statistics Program at the University of Vermont.

**Mary A. Foulkes**

*Eastern North American Correspondent*

#### German

Alexander von Eye (DR), Professor of Human Development and Psychology at The Pennsylvania State University, received the 1990–91 Evan and Helen Pattishall Outstanding Research Achievement Award for his work concerning the analysis of categorical data. In 1990, Dr von Eye published several articles in professional journals, a monograph on *Configural Frequency Analysis* (Cambridge University Press), and two edited volumes on statistical methods in longitudinal research. In April, Dr von Eye gives an award lecture

entitled *Symmetry in Regression, Asymmetry in Correlation?*

**Max Baur**

*German Correspondent*

#### Italian

In January the election of the Council of the Italian Region of the Biometric Society for the years 1991–92 was held. **Professor E. Marubini** (*Institute of Biometry and Medical Statistics of the University of Milan*) was nominated President; **Professor M. Marchi** (*Department of Statistics, University of Florence*) was confirmed as Secretary; **Dr A. Biggeri** (*Epidemiology Unit, Centro per lo Studio e la Prevenzione Oncologia, Florence*) was confirmed as Treasurer; the members of the Council are as follows: **Prof A. Ottaviano** (*Department of Genetics, University of Milan*), **Prof A. Parmegiani** (*Department of Statistics, University of Bologna*) and **Prof O. Rossi** (*Institute of Ecology, University of Parma*).

The Italian Region of the Biometric Society and the Italian Society of Ecology will sponsor the Summer School of Quantitative Ecology. In 1991 the School will organise a residential course on Quantitative Ecology at the Institute Toniolo (Castelnuovo Fogliani, Piacenza) from 17–27 September. For detailed information please contact the course director, Prof O. Rossi, Institute of Ecology, University of Parma, Viale delle Scienze, 43100 Parma, Italy.

**Annibale Biggeri**

*Italian Correspondent*

#### Spanish

The 3rd Spanish Biometric Conference, sponsored by the Spanish National Group, will take place within the first week of October 1991, at the University of Salamanca. This Conference is open to all participants wishing to exchange ideas and experiences in the application of mathematics and statistics to biology, agriculture, medicine, psychology, etc., in a friendly atmosphere. Official languages will be those of the Biometric Society and also Spanish, but simultaneous translation will not be provided.

It is becoming a tradition, following our Conferences in Granada and Segovia, that this Conference will take place in another city declared 'Human Patrimony' by the UNESCO (we still have other cities left, so we plan to organize many more). Salamanca has ancient origins. The first records date from the time of the Carthaginian general Anibal. Romans increased its importance, building a bridge over the river Tormes in the first century. Several romaneseque churches and the old Cathedral were built in the XIIth century. The most important event in Salamanca was the creation of its University in 1254. It is

the oldest in Spain and one of the four oldest in Europe. From then on, the history of Salamanca has been closely tied to its University activities. Its Golden Era was in the XVIIth century when 20,000 people were in the city, and there were 6762 registered students. At that time, Salamanca was one of the most important cultural centers in Europe, and was the model for the first Universities created in Latin America. Nowadays, the two Universities of Salamanca have more than 25,000 students in a town of 170,000 inhabitants. But, in addition to its beautiful monuments, it offers a very pleasant environment to the visitor. This is the Salamanca we invite you to know, with the hope that you will enjoy it. Please, come and see us.

Registration for the Conference for members of the Biometric Society is 7,000 pta, and for non-members is 14,000 pta. There will be a 20% supplement for late registration. The tentative deadlines for the Conference are:

Submission of summaries . . . 15 June  
Acceptance of summaries by  
the Organizing Committee . . . 30 June  
Registration . . . . . 30 July

Further information is available from:

Dr Juan Delgado,  
Dept de Psicologia Basica,  
Psicobiologia y Metodologia,  
Facultad de Psicologia,  
Av. de la Merced s/n,  
37005 Salamanca,  
Spain;  
fax: +34-23246780.

The Spanish Group of the International Biometric Society produces a Newsletter called *Biometria* for their internal use.

The editorial policy is to publish all the news about the international Society and the National Group as well as reports about research teams, research projects, and especially abstract from a wide variety of journals provided by the members (e.g. *INRIA — Département de Biométrie, Aspects of Applied Biology, IOWA State Journal of Research, Can. J. For. Res., Ann. Appl. Biol., J. Econ. Entomol., J. Amer. Soc. Hort. Sci., Weed Research, J. Anim. Sci., J. Assoc. Off. Anal. Chem., Ecological Entomology*).

In 1990, Volume 4 was published mainly in Spanish with parts in English and French. There is no subscription rate out of the Spanish Group taxes.

For additional information contact the Editor: José Luis Meliá, Universidad de Valencia, Facultad de Psicologia, Av. Blasco Ibáñez, 21, E-46010 València, Spain.

**Emilio A. Carbonell**  
*Spanish Correspondent*

## South African

The foundation meeting of the South African National Group of the Biometric Society was held at the University of Cape Town from 17:30 on 7 November 1990. Eleven members of the Society were present and 14 non-members. Professor Arthur A. Rayner, convenor of the meeting, outlined requirements for the organisation of a National Group and election of a National Secretary according to a letter from the International Secretary, Roger Mead. The meeting voted unanimously that the invitation to form a South African National Group should be accepted. The meeting voted unanimously to elect Prof Rayner the National Secretary of the Group. Prof Rayner advised the meeting that he would be happy to serve for a year but would then stand

down in favour of a younger person. The National Secretary foresaw a need for the Group to grow in numbers and for it to have a close relationship with the South African Statistical Association. The structure of North American joint meetings of ENAR and WNAR with ASA and IMS could provide a useful model for the future. Dr T.T. Dunne agreed to assist Prof Rayner in his duties. In conclusion the National Secretary thanked the non-members who had attended and hoped that they would join the Society. Information: Prof Arthur A. Rayner, Dept of Statistics & Biometry, University of Natal, PO Box 375 Pietermaritzburg 3200, South Africa; tel: (0331) 63320; fax: (0331) 63497; email:

rayner.unphpd@f4.n494.z5.fidonet.org .

**Arthur A. Rayner**  
*South African Correspondent*

## Biometric Society Region & Group Meetings

### Australian, 1-5 July 1991, Coolangatta, Queensland, Australia

Joint Meeting with sections of SSA. Information: Dr Richard J. Wilson, Dept Maths, Univ. Queensland, Queensland 4072, Australia.

### Austro-Swiss, 23-27 September 1991, Biel/Bienne, Switzerland

Biannual Regional Meeting. Information: Dr Ch.E. Minder, Dept of Social and Preventive Medicine, University of Berne, Finkenhubelweg 11, CH-3001 Berne, Switzerland.

### Brazilian, July 1991, Goiânia, Goiás, Brazil

4th Symposium of Statistics Applied to Agricultural Research & 36th Annual Meeting. Information: D.A. Banzatto, Dept de Ciencias Exatas - FCAV/UNESP, 14870 Jaboticabal, SP, Brazil.

### British, 21 May 1991, London, England

165th Ordinary Meeting, on Chaos. Information: Prof Byron J.T. Morgan, Mathematical Institute, Cornwallis Building, University of Kent, Canterbury, Kent CT2 7NF, UK.

### ENAR, 1992, Cincinnati, Ohio, USA

Spring Regional Meeting. Information: Barbara C. Tilley, Division of Biostatistics and Research Epidemiology, Henry Ford Hospital, 2799 W. Grand Blvd, CFP 639 Detroit, MI 48202, USA.

### ENAR/WNAR, 19-22 August 1991, Atlanta, Georgia, USA

Joint Annual Statistical Meeting with ASA. Information: ASA, 1429 Duke Street, Alexandria, VA 22314, USA.

### ENAR/WNAR, 9-13 August 1992, Boston, Massachusetts, USA

Joint Annual Statistical Meeting with ASA. Information: as above.

### Japanese, 23-25 May 1991, Tokyo, Japan

International Biostatistics Conference in the Study of Toxicology. Information: Prof Isao Yoshimura, Secretariat, Local Organizing Committee, c/o Kandasurugadai, Chiyoda-ku, Tokyo 101, Japan.

### WNAR, 1-3 July 1991, Santa Barbara, CA, USA

1991 WNAR Regional Meeting with IMS. Information: G. Morris Southward, New Mexico State Univ., Dept of Experimental Statistics, Box 3130, Las Cruces, NM 88003-0003, USA.