

SRCOS Summer Research Conference in Statistics

The 1988 Summer Research Conference in Statistics, sponsored by the Southern Regional Committee on Statistics (SRCOS) in affiliation with the Southern Regional Education Board, and by the American Statistical Association, will be held June 19-24 at Table Rock Resort in Holiday Island, Arkansas. Besides continuing the tradition of a compelling program of invited technical presentations with ample time between sessions for professional interactions and individual or family-oriented recreational activities (at modest expense), the conference this year introduces the additional feature of a *poster session of contributed talks*. An informal reception will be held Sunday evening, June 19, and a poolside barbecue on Tuesday evening. A gem in the scenic beauty of the Ozark mountains near the border of Arkansas and Missouri north of historic Eureka Springs, Table Rock Lake offers water sports such as water-skiing, scuba diving, sailing, cruising and swimming, plus what *Field & Stream* magazine calls one of the finest lakes in America for bass and other fishing. Also, the facilities include an 18-hole golf course, tennis, a swimming pool, shuffleboard, volleyball, horseshoes, miniature golf, softball, and an indoor Recreation Center. Seven miles away in Eureka Springs are such attractions as the Great Passion Play, country music shows, and the Eureka Springs & North Arkansas Railway, and less than an hour away one may visit Branson, Silver Dollar City, the family theme park Dogpatch USA; slightly further is the exciting Buffalo National River and great canoeing.

The registration fee for the full conference is \$45 (\$60 after May 20, 1988) and for a single day is \$30 - waived for graduate students and retired professionals. Funds are available for up to five \$150 scholarships for graduate students.

To submit a contributed paper or apply for a scholarship, contact Robert J. Serfling, Dept. of Math. Sciences, Johns Hopkins Univ., Baltimore, MD 21218, (301) 338-7200, or program co-chairman Ralph A. Kodell, National Ctr for Toxicological Research, Jefferson, AR 72079, (501) 541-4008. Concerning local arrangements, contact Jack Tubbs, Dept. of Math. Sciences, Univ. of Arkansas, Fayetteville, AR 72701; (501) 575-3351, 521-1001. For housing information and reservations, contact Mrs. Georgia Adams, Table Rock Resort, 95 Woodsdale Rd., Holiday Island, AR 72632; (501) 253-7816, 253-6033.

The principal accommodations at Table Rock Resort are "VIP" villas, each with two separate bedrm/bathrm areas sharing a living area with patio, fireplace, dining area, and completely furn. kitchen serving eight. The units sleep six, are within easy walking distance of all facilities, and are priced at \$72/night for up to four adults with children 12 and under free. Also within walking distance are 3-bedrm "VIP" villas sleeping eight for \$80/night. Other accommodations available, but not within easy walking distance, include 2- and 3-bedrm. "CUSTOM" villas/houses at \$58.50/night and a limited number of "MOTEL" units (without kitchens) at \$30/night. Although the resort has raised prices for '88, the rates for our conference remain at '87 levels. Table Rock Resort requests as soon as possible a single night's deposit, fully refundable up to June 21. Single-person accommodations being limited, the Resort will serve as a clearing-house by which participants may to share the VIP villas adjacent to the meeting facilities. Interested persons should contact Mrs. Adams for this or any other special requirements.

The nearest airport, 90 minutes away at Fayetteville, AR, is served by major air connector services from Dallas, Kansas City, Memphis, and St. Louis. The Univ. of Arkansas will attempt to provide local travel support for those needing assistance; if interested, contact Jack Tubbs.

The program:

Sunday, June 24

Registration, 4-7 pm; *Informal Reception*, 7-9 pm

Monday, June 20

INTERFACE WITH BIOMEDICINE, 9:00 a.m.-12:00 noon

Stephen Lagakos, Harvard University: "Some Statistical Problems Arising in Models and Analyses of the AIDS Epidemic"

James Thompson, Rice University: "AIDS: The Mismanagement of an Epidemic"

Discussant: *Lynne Billard*, University of Georgia

COMPUTERS IN STATISTICS I, 7-9 p.m.

Robert Ling, Clemson University: "Using the Microcomputer to Integrate the Statistical Computing Environment"

David Scott, Rice University: "UNIX Workstations: Constructing an Integrated Environment for Statistical Research, Education, and Administration"

Tuesday, June 21

COMPUTERS IN STATISTICS II, 9 a.m.-12 noon

Kenneth N. Berk, Illinois State University: "Microcomputer Statistical Software"

Allan R. Wilks, AT&T Bell Laboratories: "Dynamic Graphics for Data Analysis"

STATISTICS IN QUALITY & RELIABILITY, 2-4 p.m.

Michael A. Wincek, General Motors Research Lab: "Time Series Approaches to Dynamics and Quality Control"

Nozer Singpurwalla, George Washington University: "On the Reliability of a System of Components Sharing a Common Environment - A Survey"

Evening Poolside Barbecue

Wednesday, June 22

REGRESSION, 9 a.m.-12 noon

Robert A. Koyak, Johns Hopkins University: "On Uniform L^2 -Consistency with Piecewise Constants and Regression Splines"

C.-Z. Wei, University of Maryland: "Asymptotic Theory for Least Squares Estimates in Linear Regression Models"

INTERFACE WITH OPERATIONS RESEARCH, 7-9 p.m.

Thomas Reiland, North Carolina State University: "Statistics and Operations Research: Recent Interactions and Future Research Directions"

Robert J. Serfling, Johns Hopkins University: "Probabilistic and Statistical Analysis of Algorithms: a Survey"

Thursday, June 23

TIME SERIES, 9 a.m.-12 noon

Wayne Woodward, Southern Methodist University: "ARMA Modeling"

Gary Stevens, Oklahoma State University: "An Introduction to Kriegering"

POSTER SESSION, 2-4 p.m.

Contributed Papers Presented in Poster Session Format

STATISTICAL MODELING IN RISK ASSESSMENT, 7-9 p.m.

Chris Portier, NIEHS: "Implications of Mechanistic Models in Cancer Risk Assessment"

James Chen, NCTR: "Risk Assessment in Developmental Toxicology"

Friday, June 24

ISSUES AND DIRECTIONS IN STATISTICS, 9 a.m.-12 noon

Raymond J. Carroll, Texas A&M University: "Collaboration versus Consultation, and the Future of Academic Statistics"

Discussant: *Randall Spoori*, ASA

Discussant: *M. Clinton Miller, III*, Medical University of South Carolina