SREB SUMMER RESEARCH CONFERENCE IN STATISTICS
ROLLINS COLLEGE, WINTER PARK, FLORIDA 32789

Conference Chairman
M. CLINTON MILLER, III
Medical University of South Carolina, Charleston, S.C. 29401
Department of Biometry

SUNDAY
June 9
3 - 5 p.m.
REGISTRATION
8:00 p.m.
FAMILY SOCIAL

MONDAY
June 10
8:30 a.m.
H. L. Lucas, North Carolina State University
THE SPIRIT OF REGRESSION
10:30 a.m.
Herman Chernoff, University of Stanford
AN APPROACH TO RESIDUAL ANALYSIS IN MULTIVARIATE REGRESSION
Session Chairman:
7:30 p.m.
Wanzer Drake, Southern Methodist University
Speaker:
Edward A. Sylvestre, Eastman Kodak Company
SELF MODELING NONLINEAR REGRESSION
Session Chairman:

TUESDAY
June 11
8:30 a.m.
Ronald R. Hocking, Mississippi State University
SELECTED TOPICS IN LINEAR MODELING
10:30 a.m.
Donald W. Marquardt, E. I. DuPont Company
BIASED ESTIMATORS IN REGRESSION
Session Chairman:
1:30 p.m.
Robert Anderson, University of Kentucky
Saul Blumenthal
BUS TO DISNEY WORLD

WEDNESDAY
June 12
8:30 a.m.
John A. Hartigan, Yale University
SURVEY OF CLUSTERING
10:30 a.m.
John Van Ness, University of Texas at Dallas
SELECTION OF CLASSIFICATION ALGORITHMS
Session Chairman:
7:30 p.m.
Rolf Bargmann, University of Georgia
Speaker:
John A. Jacquez, University of Michigan
THE IMPORTANCE OF SYMPTOM NON-INDEPENDENCE IN DIAGNOSTIC APPLICATIONS OF BAYES' RULE
Session Chairman:

THURSDAY
June 13
8:00 a.m.
McNeil
Goodman-Waxman, Princeton University
MATHEMATICAL MODELS FOR ANALYZING PROJECTIONS OF MULTI-DIMENSIONAL OBJECTS
Session Chairman:
1:30 p.m.
Bill Mendenhall, University of Florida
Speakers:
Richard Schaeffer, University of Florida
Robert DeHoff, University of Florida
Topics:
ON STATISTICAL PROCEDURES FOR SPATIAL MEASUREMENT PROBLEMS and
RECENT ADVANCES IN STEROLOGY
Session Chairman:
7:30 p.m.
Bill Mendenhall, University of Florida
CONFERENCE SOCIAL

FRIDAY
June 14
8:00 a.m.
Oscar Kempthorne, Iowa State University
IS STATISTICS DEAD?
7:30 p.m.
Ralph Bradley, Florida State University
DAN LURIE, MUSC

Program Committee:
M. Clinton Miller, III; Ray Roth; Wanzer Drake; Elmer Hell; Roger Burford
To: SREB Committee on Statistics

From: Long Range Study of the Summer Research Conference Subcommittee
(Drane, Chairman, Mason, Gibbons, Miller, Freund, Burford, Cohen, Federspiel)

The following recommendations are made for our joint consideration at
the October 1974 meeting. We propose that:

1. The Summer Research Conference (SRC) will be continued indefinitely,

2. The SRC will be located at three of four places on a permanent
basis, small college campuses being preferred,

3. The FORMAT of the program of the SRC should be thematic with two or
three expositions followed by one, two or three more specifically directed
presentations. (See Note 3)

4. They shall alternate in time between the ending (May-June) and beginning
(mid-July) of the U. S. fiscal year as the occasion permits,

5. Attendance will be limited to 100 on a first come basis,

6. Fred Leone or another ASA officer will be invited to the 1975 SRC
to initiate discussions on joint SREB-ASA sponsorship of SRC.

Note 1: A permanent office, either SREB or ASA, should handle advertisements,
information on local facilities, and accept and process applications and
registrations.

7. Registration fees will be $20 in 1975 and held to no more than $25
in future years.

8. We should invite speakers to prepare their presentations for pub-
lication as Proceedings of the SRC.

Note 2: "Communications in Statistics" is willing to look at proceedings
and, if warranted, publish a subset together as such.
Note 3:

In choosing speakers the Committee should select two alternate speakers from the SREB membership who are expected to be present to provide a guarantee of quality. These names ought to appear on the program to assist in justification of the trip if necessary.

Speakers and Session Chairmen should be instructed by the program chairman to use their allotted time so that the audience can react through questions and discussion.

Meal times should be negotiated to fit our desires in making a viable schedule instead of fitting our sessions to a fixed dining schedule.

Form letters to prospective attendees should include specifications of local facilities, clear instructions on reserving a place in the conference, and making use of public transportation. (See Item 6 and Note 1).

### SUMMARY OF PAST SRC'S

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<th>Year</th>
<th>Place</th>
<th>Number Attending</th>
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