THURSDAY, JUNE 18

Session 7: 9:00 a.m.-12:00 noon
Chair: Camilla Brooks
VPI and State University

"Applications of Experimental Design to Off-Line Quality Issues"
Richard Sanders and Robert McLean
University of Tennessee

"Mean Residual Life: An Introduction and Survey"
Frank M. Guess
University of South Carolina

"A Quadratic Decreasing Mean Residual Life Failure Model"
Krishan Pal Singh
Medical University of South Carolina

Session 8: 7:00 p.m.-9:00 p.m.
Chair: James Davenport
Texas Tech University

"SPC in the Administrative Service Environment: A Case Study"
John Philpot
University of Tennessee

"Recollections of an Early Chairman of the COS-SREB"
Bill Anderson
ASA/SRCOS SUMMER RESEARCH
CONFERENCE PROGRAM
JUNE 14-19, 1987
GATLINBURG, TENNESSEE

SUNDAY, JUNE 14

Registration: 4:00 p.m.-7:00 p.m.
Dinner: 7:00 p.m.
Informal Reception: 8:30 p.m.

MONDAY, JUNE 15

Session 1: 9:00 a.m.-12:00 noon
Chair: Al Manson
North Carolina State University

"Models for Multi-rater Agreement on a Categorical
Scale"
Mark Becker
University of Florida

"Power Analysis for Linear and Log-Linear Models"
Ralph O'Brien
University of Tennessee

Session 2: 7:00 p.m.-9:00 p.m.
Chair: Don Burdick
Duke University

"The Training of Consulting Statisticians"
Douglas A. Zahn
Florida State University

TUESDAY, JUNE 16

Session 3: 9:00 a.m.-12:00 noon
Chair: Richard Krutchkoff
VPI and State University

"Statistical Problems in the Demonstration of
Bio-equivalence between Drugs"
Daniel Weiner
Statistical Consultants, Inc.

"Qualitative Structural Activity - Relationships
Applied to Drugs"
Michael Cory
Burroughs-Wellcome Company

"Nonlinear Stochastic Compartmental Models"
Mary G. Leitkner
University of Tennessee

Section 4: 2:00 p.m.-4:00 p.m.
Chair: Leo Upchuch
Florida A & M University

"Statistics - Industrial Engineering - Prospects
and Possibilities"
William Swart and Linda Malone
University of Central Florida

"Future of the Practicing Statistician"
Harry Smith

WEDNESDAY, JUNE 17

Session 5: 9:00 a.m.-12:00 noon
Chair: David Nickerson
University of Georgia

"Small Sample Properties of Statistics - Computer
Algorithms Approach"
Kimiko Bowman
Oak Ridge National Laboratories

"A Sequential Design for Life Testing Experiments"
Max Morris
Oak Ridge National Laboratories

Session 6: 7:00 p.m.-9:00 p.m.
Chair: Dan Solomon
North Carolina State University

Panel Discussion on the Pros and Cons of Short Courses
Members: Harry Smith William Swart
David Herr Don Gardiner
Sophronia Ward
SRCOS 1987 SUMMER SESSIONS - FINANCIAL REPORT

Registration Fees Received $2,080.00

Expenses

<table>
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<tr>
<th>Description</th>
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<tr>
<td>Special Programs (See attached schedule)</td>
<td>$640.00</td>
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<td>Meals for guest speakers</td>
<td>31.25</td>
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<td>Expenses for Harry Smith</td>
<td>154.36</td>
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<td>Gratuities</td>
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<td>Beer, wine, soft drinks, snacks, etc.</td>
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<td>Printing</td>
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<td>Miscellaneous</td>
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  1,245.41

Favorable balance $834.59

Direct expenses contributed by the University of Tennessee:

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<tr>
<td>Name Tags</td>
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<td>*Postage</td>
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<td>Arrangements Travel</td>
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  $409.52

*About 60% of the mailings resulted from an ASA provided list. That proved to be almost a complete waste of money. (CT)
1987 Summer Research Conference Schedule

Sunday, June 14th
4:00 PM Arrival and Registration
7:00 PM Dinner (dining room)
8:30 PM Informal Reception (Dining room)

Monday, June 15th
7:45 AM Van Pick Up (Bent Creek, Brandywine, Wa-Floy
8:00 AM Breakfast
9:00 AM Session.....Mark Becker
12:15 AM Lunch (dining room)
1:00 PM Nature Hike (Randall Brien, local naturalist
1:00 PM Children Activities (Sid Caradine of the Gatlinburg Arts council will be conducting "Paint what you see and hear". At this session all watercolors will remain with Sid to be placed in Childrens art shop for resale. Artist to recieve portion of proceeds (Meet front porch)
1:15 PM Van Return
2:30 PM Children Activities continue with Faye Burke, known story teller and craftserson
3:30 PM Children Activities continue with watercolor painting; keep their finished product
5:45 PM Van Pick Up
6:00 PM Dinner (dining room)
7:00 PM Session.....Ralph OBrien
9:15 PM Van Return

Tuesday, June 16
7:45 AM Van Pick Up
8:00 AM Breakfast (dining room)
9:00 AM Session.....Michael Cory, Mary Leitnaker,Daniel Weiner
10:30 AM Craft Tour (Led by Marsha Fountain, local leather crafter; will have demonstrations by metal spinner, potter, and wood carver; candle maker and leather worker if time (Meet at front porch)
10:30 AM Children Activities (Led by Faye Burke) Meet at front porch
12:00 AM Children Activities Continued (Picnic Lunch)
12:15 PM Lunch (dining room)
12:30 PM Craft tour lunch at the Wild Plum Tea Room
2:00 PM Session....William Swart, Linda Malone, Harry Smith
4:15 PM Van Return
5:15 PM Steak Cookout on the River (Meet at Conference Center for trip down to the Greenbrier River in the Great Smoky Mountain National Park)
Wednesday, June 17
7:45 AM Van Pick Up
8:00 AM Breakfast (dining room)
9:00 AM Session.....K.O. Bowman, Max Morris
12:15 PM Lunch at Teague Mill (leave from parking lot)
5:45 PM Van Pick Up
6:00 PM Dinner (Dining room)
7:00 PM Session (Panel Discussion)

Thursday, June 18
7:45 AM Van Pick Up
8:00 AM Breakfast (dining room)
9:00 AM Session.....Richard Sanders, Robert McLean & Frank Guess
12:15 PM Lunch (dining room)
2:30 PM Childrens Activities, Led by Faye Burke
5:00 PM Children Activities, National Park Ranger, nationally
know man hunter and tracker J R Buchanan if his park
schedule can be arranged. Adults would also enjoy this
unusual park ranger.
5:45 PM Van Pick up
6:00 PM Dinner (Dining room
7:00 PM Session......John Philpot, Don Gardner

Friday, June 19
7:45 AM Van Pick up
8:00 AM Breakfast (dining room
9:00 AM Session.....John Rawlings, Richard Krutchkoff
11:00 PM Check out (Group arriving 1:00PM)
12:15 PM Lunch

Note: Under childrens activities, Marsha Fountain, Leather
crafter has agreeded to take two children per hour at
her shop (must provide own transportation) on Tuesday,
June 16 from 2-6. They will hand craft a wrist band
they may keep at no charge.
<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
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<tbody>
<tr>
<td>Richard L. Anderson</td>
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<td>Richmond, VA 23298</td>
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<td>Mark Becker</td>
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<td>University of Florida</td>
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<td>Donald S. Burdick</td>
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<td>6755 Moss Lake Drive</td>
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<td>Hixson, TN</td>
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<td>Michael Cory</td>
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<td>James M. Davenport</td>
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<td>Texas Tech. University</td>
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<tr>
<td>Clayton Eifler</td>
<td>1123 Jack Pine</td>
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<td>San Antonio, TX 78232</td>
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</tbody>
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