

NEWSLETTER OF THE ALASKA CHAPTER  
OF THE  
AMERICAN STATISTICAL ASSOCIATION

August 21, 1987

**1987 ANNUAL MEETING**

As noted in our last newsletter this year's meeting will be held in Juneau. This newsletter is directed at updating members (and others) as to the final schedule. The final schedule is included with this newsletter. Please post the schedule after you have reviewed (copied, etc.) it.

Prior to the meeting we will be sponsoring the ASA video short course titled "An Introduction to Bootstrapping" by Drs. Bradley Efron and Robert Tibsharani. The short course will be held in conjunction with the University of Alaska-Southeast's Juneau Center for Fisheries and Ocean Sciences. Those who wish to earn 600 level credit should sign up in the "regular" manner through the University of Alaska-Southeast for Statistics 693-Introduction to Bootstrap. I believe the course will be a one credit offering and should cost approximately \$75.00 through the University. The course as taken through the University will include some projects in addition to the video tape. Dr.

Gordon Kruse (465-4210) will be moderating the course for the University. However, the short course is open to all interested parties through our Chapter for a fee of \$40.00. Questions and signups for the video course only should be directed to either Gordon Kruse (465-4210) or Linda Brannian (267-2118).

As noted in the last newsletter Gordon Kruse has graciously accepted the assignment of "local" arrangements chairman for the Juneau meeting. Included with this newsletter is a map and directions to the University meeting rooms for both the short course and our annual meeting. Gordon has also developed a sample list of pertinent information regarding local accommodations and car rental companies.

**CHAPTER OFFICERS**

OFFICE	NAME	PHONE NUMBER
PRESIDENT	EARL BECKER	267-2407
V PRESIDENT	ALLEN BINGHAM	267-2327
SECR./TREAS.	LINDA BRANNIAN	267-2118

P L E A S E   P O S T

SCHEDULE FOR 1987 ANNUAL ALASKA CHAPTER AMERICAN STATISTICAL  
ASSOCIATION MEETING AND SHORT COURSE

DATE	TIME	EVENT
SEPTEMBER 28	1:30-5:00 p.m.	SHORT COURSE ON BOOTSTRAPPING, ASA videotape course by Drs. Bradley Efron and Robert Tibsharani
SEPTEMBER 29	8:30 a.m.- 12:00 noon, & 1:30-5:00 p.m.	SHORT COURSE ON BOOTSTRAPPING (continued)
SEPTEMBER 30	8:30 a.m.- 11:30 a.m.  1:30-2:30 p.m.	SHORT COURSE ON BOOTSTRAPPING (continued)  ANNUAL BUSINESS MEETING
	2:30-3:30 p.m.	TALK BY DR. STEPHEN BUCKLAND (University of Aberdeen, Scotland, and the Inter-American Tropical Tuna Commission, La Jolla, California): "Bootstrap standard errors and confidence intervals". The bootstrap method is described, and several types of bootstrap confidence interval methods are compared. Advantages relative to both the jackknife and analytic methods are discussed. Two kinds of asymptotically exact confidence intervals are considered, one using the bootstrap technique and the other using permutation tests.
	3:30-5:00 p.m.	Round Table Discussion on Applications of Bootstrapping. Proposed Panel: Dan Reed (Chairman), Bob Conrad, and Alan Johnson. Each panel member will give a short presentation on a recent application of the bootstrap method. This will be followed by an open question and answer session.
OCTOBER 1	8:30- 10:00 a.m.	TALK BY DR. STEPHEN BUCKLAND: "Applications of the bootstrap to quantify precision in the field of animal abundance estimation". Examples from mark-recapture, line transect sampling and circular plot sampling are used to illustrate both the parametric and the nonparametric bootstrap. Problems discussed will include the estimation of: the size of ant colonies; the parameters of the Jolly-Seber model; survival rates of fulmars and galahs; trends in abundance of dolphins in the eastern tropical Pacific; and densities of songbirds.
	10:00- 11:30 a.m.	Round Table Discussion on Economic Surveys. Proposed Panel: Mike Thomas (Chairman), Mike Mills, and SuzAnne Miller. Each panel member will give a short presentation on a recent application of an economic survey. This will be followed by an open question and answer session.
	NOON	NO-HOST LUNCHEON - FERNANDO'S RESTAURANT
	1:30-3:00 p.m.	Round Table Discussion on Applications of Mark Recapture. Proposed Panel: Earl Becker (Chairman), Linda Brannian, and Hal Geiger. Each panel member will give a short presentation on a recent application of a mark-recapture application. This will be followed by an open question and answer session.
	3:00-5:00 a.m.	Open Forum. Members wishing to give a short talk (15 minutes) on either recent work or a problem they found interesting (seemingly unsolvable?) are urged to do so at this time.

ALL EVENTS WILL BE HELD IN THE HENDRICKSON BUILDING ANNEX, ROOM 107  
THE UNIVERSITY OF ALASKA-SOUTHEAST CAMPUS

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ASSOCIATION MEETING AND SHORT COURSE

ADDITIONAL INFORMATION

DIRECTIONS TO UNIVERSITY OF ALASKA CAMPUS FROM AIRPORT (SEE INCLUDED MAP):

Take first left which goes around airport parking lot. This brings you to a "T". Rather than going left again (which returns you to the terminal), go right. Make another right at the stop sign (Chevron station on the corner). At traffic light (MacDonald's Restaurant on left corner), make a left onto Glacier Highway (aka Egan Drive). Stay in left lane. Proceed approximately 3 miles. Make first right after Auke Lake to campus. ASA meetings at Hendrickson Annex, Room 107.

CAR RENTAL COMPANIES LOCATED AT AIRPORT:

AVIS	789-9450
BUDGET	789-5186
HERTZ	789-9494
NATIONAL	789-9814

SAMPLE OF JUNEAU HOTELS/MOTELS:

ROOM RATES EXCLUDING TAX				
	REGULAR RATE		STATE EMPLOYEE RATE	
	<u>SINGLE</u>	<u>DOUBLE</u>	<u>SINGLE</u>	<u>DOUBLE</u>
<u>NEAR AIRPORT</u>				
Super 8 Motel	\$52.88	\$62.88	\$47.59	\$56.59
Travel Lodge	\$59.00	\$69.00	\$45.00	\$52.00
Best Western	\$55.95	\$65.95	\$49.95	\$62.95
<u>NEAR DOWNTOWN</u>				
Sheffield	\$102.00	\$102.00	\$54.00	\$54.00