

**AMERICAN STATISTICAL ASSOCIATION  
ALASKA CHAPTER  
NEWSLETTER  
December 5, 1990**

**1990 ANNUAL MEETING.**

This year's annual meeting was held in conjunction with the 1990 Arctic Science Conference. On Monday October 8 Dr. Ray Carroll of Texas A&M University presented a tutorial titled "Transformation and Weighting in Regression." Sixteen people attended the tutorial.

The morning of Tuesday, October 9 the following presentations were given:

A Rank Correlation Coefficient Resistant to Outliers, by Robert Hollister,  
University of Alaska, Fairbanks

A Truncated Poisson Model for Capture-recapture in a Closed Population, by  
Pham Xuan Quang, University of Alaska, Fairbanks

The video "Statistical Science: 150 Years of Progress, a Brief History of the American Statistical Association and the Statistical Profession" produced in honor of the 150th anniversary of the ASA was also shown.

**BUSINESS MEETING.**

Chapter president, Pham Quang, brought the annual business meeting to order the morning of October 9 in the Sheraton Hotel, Anchorage. Doug Pengilly of Kodiak was elected Vice President. Per our constitution, Don Marx became the new President, and Pham Quang an Executive Committee member. Linda Brannian began her second year of a two year term as Secretary-Treasure. Jim Blick was elected to the Executive Committee and Alan Johnson was elected our representative on the Council of Chapters.

*Old Business.* At the 1989 business meeting in honor of the sesquicentennial celebration of ASA, the Alaska Chapter decided to present a plaque to the author(s) of the statistical manuscript judged to be of greatest value to statistics in Alaska. Publication of the work must have been within the past 10 years. A committee of five members representing government agencies (Dan Reed and Allan Johnson), two members from non-government agencies (Terry Quinn and Steve Thompson), and the President (Don Marx) as a non-voting tie-breaker member. To date no papers have been nominated.

Dan Reed reported that no progress has been made to update the membership directory. With Dan's new work responsibility he was glad to turn this over to Linda Brannian. The last directory was distributed in 1987 and per our constitution the next is due by 1992. Linda plans to mail a questionnaire with the spring/summer newsletter and follow it up at the 1991 annual meeting. The questionnaire would be completed for distribution at our 1992 annual meeting. Allen Bingham has agreed to complete his report on the history of our chapter for the directory.

**New Business.** Our chapter won the Council of Chapter "Chapter Challenge Contest" for chapters of less than 51 members. Prizes included a plaque, video titled "Statistical Science: 150 Years of Progress" and the proceedings of the American Statistical Association Sesquicentennial Invited Paper Sessions, 1989 & 1988.

Our 1991 Annual meeting will be held in Juneau sometime from 1 September to 1 November. The Vice President is responsible for inviting a guest speaker and arranging the place and time. The Executive Committee reserves the authority to make the final decision.

Little progress has been made towards inviting a speaker for our 1991 or 1992 annual meeting. The following topics were discussed and prioritized:

- Resampling (Tibshirani)
- Creel surveys and mark-recapture experiments (Kenneth Pollock)
- Graphical Diagnostics in Regression (Dennis Cook) -Recommended by Dr. Carroll as he has prepared a tutorial and might like to visit Alaska.
- General Statistics (Freedman or Hogg)
- Multivariate Topics
- Linear Models (Ron Hocking)
- Survival rates and hazard models (David Oakes);
- Time series (George Box or Brillinger)

Please contact any member of the executive committee (preferably Doug Pengilly) if you have suggestions for the 1991 meeting.

Linda Brannian volunteered to organize a spring ASA continuing education tape. Analysis of survival data or Analysis of binary data are two potential video short courses.

## **TREASURY REPORT**

Currently the Chapter has a balance of \$1,697. Costs of the 1990 annual meeting were \$1,441 for transportation, per diem, and honorarium for Ray Carroll and \$79 for printing of the tutorial notes. We also have \$1,155 outstanding from attenders who have not yet paid for the tutorial. The Chapter finally received its tax identification number from the IRS. The treasurer will continue to work with the National ASA tax accountant firm of Kositzka, Wicks, and Company concerning filing for 1990.

## **DUES**

Please note that the number next to your name on the mailing label is the last year for which we have received dues and the letter represents the type of membership (R=Regular, S=Student). Please renew your membership. Dues may be sent to Linda Brannian, ADF&G,CF, 333 Raspberry Rd., Anchorage, AK 99518 or included with your membership dues for the national organization. Regular annual membership is \$10 and \$1 for students, make checks payable to AK ASA, and send to Linda Brannian.

The Chapter needs your dues. These monies defray the costs of the annual business meetings and newsletters as well as some of the costs of continuing education. Remembering to pay dues is easy when attending the annual meeting, but the Chapter

needs your dues whether you attend the annual meeting or not. Please send your dues directly to Linda or indirectly to the Chapter as part of your dues to the national organization.

### **New Graduates in Statistics.**

For anyone recruiting for a statistician or biometrician, Dave Bernard receives, annually, a list of graduates with a MS or Phd in statistics from Iowa State University. Dave can be reached at Alaska Department of Fish and Game. 333 Raspberry Rd., Anchorage, 99518, (907) 267-2380.

### **Member honored by Governor's Office.**

A chapter member, *Fritz Funk*, was selected by the Governor' Office as the November employee of the month. Fritz currently serves as the statewide herring biometrician for the Division of Commercial Fisheries. His area of work includes fishery yield modeling, population dynamics, analysis of migration patterns, bycatch analysis, and fishery forecasts.

### **New Members:**

Our annual fall meeting is always a good time to acquire and meet new members. We welcome the following members:

*Jim Blick* recently arrived in Juneau from Corvallis, Oregon. Jim is a Biometrician for Commercial Fisheries Division, ADF&G, Douglas.

*Debbie Burwen*, a long time Alaska resident, is a member of the sonar technical services section of the Alaska Department of Fish and Game, Division of Commercial Fisheries, Anchorage.

*Steve Fleischman* is also a member of the sonar technical services section of the Division of Commercial Fisheries, Anchorage.

*Pat Hansen*, recently from Missouri, joined the Research Technical Services Section of Sport Fish Division, ADF&G Anchorage. She is also an adjunct instructor at the University of Alaska Anchorage.

*Bob Hollister* is a new Assistant Professor in the Department of Math Sciences at the University of Alaska, Fairbanks. Bob received his Phd at the University of Montana, Missoula and taught at the University of Montana and University of Wisconsin, Oshkosh.

### **From our Past President**

I would like to thank everyone who contributed to the chapter last year. I would especially like to thank Linda Brannian for performing the secretary/treasurer duties, and Don Marx for organizing the annual meeting. Dave Bernard and Dan Reed were always ready to help with advices.

Thanks,

Quang

### **Nominate Papers**

Please nominate a statistical manuscript, published within the past 10 years that you judge to be of the greatest value to statistics in Alaska. Only Alaska Chapter members may nominate. Please forward nominations to Don Marx, at the address listed at the end of this newsletter.

### **Request for Help**

If you are interested in reviewing or participating in the development of a survey questionnaire for our membership please contact Linda Brannian, ADF&G, 333 Raspberry Rd., Anchorage 99518.

### **Council of Chapters**

Under the new ASA Constitution the Council of Chapters is organized into three Regions each of which consists of two Districts. The Alaska Chapter is in District 6 and Region 3. There is an ASA Board Representative from each of the three Regions. Olga Pendleton represents Region 3; her term continues through 1991 and 1992. Each District has a Vice-Chair (formerly called District Governor); the Vice-Chairs for Districts 5 and 6 (Region 3) will serve through 1991 and 1992. Beginning with the 1993-1995 period the ASA Board Representative from Region 3 and the Vice-Chairs for District 5 and 6 will serve 3-year terms. Correspondingly, Council Representatives from each chapter in Region 3 will serve through 1991 and 1992 with the first 3-year terms starting for the 1993-1995 period. Procedures used to appoint or elect each Council Representative are left up to the local chapter.

The Alaska Chapter won the Council of Chapters "Chapter Challenge Contest" for Chapter of size less than 51 members. Alan Johnson picked up the plaque, the video tape, and the special Proceedings at the annual ASA meeting in Anaheim. There will be a writeup in AmStat News.

The Board approved an "affiliate" membership. It is available for a lower price, with only the AmStat news publication included. Chapter Officers must hold a regular membership.

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President: Don Marx, School of Business, University of Alaska, Anchorage, AK 99508,  
(907) 786-1755

Vice-President: Doug Pengilly, Alaska Department of Fish and Game, Division of Commercial Fisheries, 211 Mission Rd., Kodiak, AK 99925-0101, (907) 486-4791,

Sec.-Treas.: Linda Brannian, Alaska Department of Fish and Game, Division of Commercial Fisheries, 333 Raspberry Rd., Anchorage, AK 99518-1599, (907) 267-2118.

Ex. Comm: Jim Blick, Alaska Department of Fish and Game, Division of Commercial Fisheries, 802 3rd St., Douglas, AK 99824, (907) 465-4253.

Ex. Comm: Pham Xuan Quang, Department of Mathematical Sciences, University of Alaska Fairbanks, AK 99775-1110, (907) 474-6550.

Representative: Alan Johnson, Alaska Department of Fish and Game, Division of Commercial Fisheries, 211 Mission Rd., Kodiak, AK 99925-0101, (907) 486-4791.