



The Southern California

# Statistician

SOUTHERN CALIFORNIA CHAPTER, AMERICAN STATISTICAL ASSOCIATION

Volume 34, No.2

February /March 1995

## Careers Day In Statistics March 4, 1995

The annual SCASA Careers Day will be held this year in the Student Union at

**Cal State Dominguez Hills**  
on  
**Saturday, March 4**  
from 10 AM to 3 PM.

The primary purpose of Careers Day is to provide those attending with information on a variety of careers in statistics and related fields. Professionals from various fields including actuarial science, government services, and industries such as aerospace, health care, insurance, marketing, and pharmaceuticals will meet informally with participants to discuss career experiences and opportunities as well as required educational background and training. Representatives from several universities will be available to provide information on related degree programs.

After the lunch break the guest speaker, Dr. Arnold Goodman of

the Los Angeles County Information Technology Service, will present a talk most appropriately titled "Career Planning for the 21st Century" (Presumably Arnie has been in close touch with our foremost futurist Newt Gingrich, so should spread pearls rather than just words of wisdom). Jim Taylor from Kaiser will then play Richard Gebhardt to Arnie's Newt.

There will be no charge for this event; an optional self-service lunch can be purchased on site (this is not upscale dining, though).

For more details please see the enclosed flyer and/or contact Jay Devore (805-756-2026), Beth Rose (213-740-7124), or Noel Wheeler (805-543-5916). If any of you work for a company or organization that would like to send a representative to disseminate information, please contact one of the aforementioned people as soon as possible. ■

## 14th Annual Workshop Features Statistical Graphics

The topic of this year's Annual Applied Statistics Workshop will be statistical graphics. The event is scheduled for **Friday May 19th** at Cal State Long Beach.

Two speakers will be featured, William Cleveland and Richard Becker, both of AT&T Bell Labs. William Cleveland is the author of a number of books on statistical graphics including Elements of

*(Continued on page 2)*

## Fall Kickoff Success

The Fall Kickoff meeting of the SCASA was held on November 5th at Pomona College. Paul Switzer, well known for his many contributions to environmental statistics, gave two very interesting talks and also showed why he is a fashion pacesetter

*(Continued on page 2)*

**Kickoff...** (cont from page 1)

among statisticians. The morning talk, entitled "Human Exposure to Environmental Pollutants", exposed the rapt audience to data on amounts of and effects of various pollutants in workplaces, homes, and other locales. An especially interesting feature was the material on effects of second-hand smoke. The data didn't seem quite as compelling as some would have us believe.

The afternoon session dealt with space-time modeling of worldwide temperature variation. Here again firm conclusions were hard to come by. When Paul was asked for his opinions, he responded that more data needs to be collected and analyzed (a plea for full employment of environmental statisticians?). As one attendee commented during the discussion period, it is nice to see the mathematical and applied sides of our discipline come together so nicely.

Our thanks again to Don Bentley and his Pomona cohort for their arrangements and hospitality. The morning bagels were first rate, and if the lunch didn't rate a Michelin star, at least there were no reported cases of food poisoning, a signal accomplishment for college dining hall food. I'm sure Don would welcome suggestions for next year's speaker (to the amazement of some, he hasn't yet quite exhausted the resources of the Stanford Statistics Department); you can contact him at (909) 621-8555 ext 2941 or [DBENTLEY@POMONA.CLAREMONT.EDU](mailto:DBENTLEY@POMONA.CLAREMONT.EDU). ■

**Workshop..** (cont. from p.1)

Graphic Data and Visualizing Data. Richard Becker is a principal author of S and S+ language and is author of the book The New S-language.

More detailed information on the event, registration etc. will be in upcoming newsletter issues. For information now you can contact either Connie Vadheim at (310) 222-3842 or Roberta Madison at (818) 885-4645.

Our annual Workshop is always one of the highlights of the SCASA year, this event again promises to be most interesting. ■

**Special Thanks**

The Chapter owes a very special thanks to Kathy Sheldon at Pomona College for her tireless efforts in making our annual Fall Kickoff meetings such a success. Kathy takes care everything from reservations, to lining up equipment, to ar-

ranging housing for the speaker (as well as keeping Don Bentley organized throughout it all). The Kickoff meeting has become one of the highlights of our year. So for what is usually considered to be a thankless job - our thanks Kathy!

**Chapter Officers 1994-1995**

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Statistics Department  
Cal Poly San Luis  
Obispo, CA 93407  
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(will be announced)

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**CHAPTER REP.  
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AMGEN Center,  
Thousand Oaks, CA  
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(805) 499-5725 ext 3275

**PAST PRESIDENT:**  
Subir Ghosh  
Dept. of Statistics,  
University of Calif  
Riverside, CA 92521  
(714) 787-3781

**U C Riverside Statistics  
Department Colloquia  
1994-1995 Winter Quarter.**

Talks are at 3:45 - 5:00 pm in  
Stat/Comp. Bldg. - Rm. 2678  
Refreshments are  
served at 3:30pm in  
Stat/Comp. Bldg. - Rm. 2634.

Information:  
Call (909) 787-3774

**January 24:**  
Subir Ghosh

**February 7:**  
D.V.Gokhale

**February 21:**  
Jim Press

**February 28:**  
Connie Vadheim

**RAND  
STATISTICS  
SEMINAR SERIES**

Sponsored by the Statistics Group

**Thursday, March 9, 1995**

**Speaker:**  
Mary Ellen Bock  
Purdue University

**Topic:**  
Wavelets

**Time:**  
4 pm

**Place:**  
Main Conference Room

**Rand**  
1700 Main Street  
Santa Monica, CA 90401

*Refreshments will be served in  
the Main Conference Room from  
3:30 to 4 pm. For further informa-  
tion, please contact Tom Lucas at  
(310) 393-0411 (x7140).*

**Other Seminars  
and Colloquia:**

**UCLA School of Public Health**  
Call (310) 825-5250  
for information

**USC Dept of Preventive  
Medicine**  
Call Brian Langholz  
@ (310) 342-1212  
for information

**EDITOR'S NOTE**

Send items for the next issue to:  
**Rita Petersen**  
27931 Paseo Nicole  
San Juan Capistrano, CA 92675  
Phone: (714) 493-1916  
FAX: (714) 493-5596 (phone first)  
**EMAIL:**  
PETERSEN@ORION.OAC.UCI.EDU

**EMPLOYMENT OPPORTUNITIES**

**Assistant Statistician**

The National Childhood Cancer Foundation, a public benefit charitable foundation providing support for the activities of the Childrens Cancer Group (CCG), is seeking an assistant statistician to support its international research efforts in the study of new treatments and cures for childhood cancer.

The incumbent's responsibilities will include computerized data screening, computer report generation, statistical data analysis, report writing, statistical study design, and

tasks related to selected research topics in clinical trials methodology. Applicant must have excellent oral and written communication skills, and must be able to work independently under minimal supervision by a Ph.D. level senior statistician in a collaborative environment with CCG data managers, database administrators, CCG statisticians and administrative staff, and CCG clinical scientists, in supporting CCG's ongoing research efforts. Applicants should possess a master's degree or equivalent in applied statistics or biostatistics, a high level of proficiency with computing and computerized statistical analysis in the IBM PC environment, and familiarity with statistical methodology or clinical trials. Training or experience in biological or medical sciences is desirable.

Send CV, transcripts, and names of three professional references to:

Julie Santoro  
National Childhood  
Cancer Foundation  
P.O. Box 60012  
Arcadia, CA 91066-6012  
EOE

## EMPLOYMENT OPPORTUNITIES (continued)

### Senior Software Engineer

Visual Numerics, Inc., one of the top 100 independent software vendors in North America and developer of the IMSL Statistical Libraries, is searching for an innovative analytical individual to produce statistical based software. VNI, the leading developer of high-end visualization, graphics and numerical analysis software offers a competitive compensation package including salary, bonuses, health, life and retirement programs.

Responsibilities and qualification requirements:

- Ability to significantly contribute to and affect both the direction and technology of the products.
- Proficiency in every phase of the software development cycle, with proven track record of delivering on schedule.
- Past performance in planning and leading projects, and creatively solving problems.
- An M.S. in Statistics or equivalent experience; Phd preferred.
- Five+ years experience developing software products using C/C++ or FORTRAN. Development of scientific statistical analysis software preferred.
- Working experience using on or more of the following desired: UNIX, Visual Basic, Visual C++, MS-Windows, or graphics.

For consideration, send your resume and salary history to

Visual Numerics, Inc.  
 Job Code 94-044N  
 Human Resources  
 9990 Richmond, Suite 400  
 Houston TX 77042.  
 Fax# (713) 781-9260.  
 (No telephone calls please)  
*VNI is an equal opportunity employer*

Have you paid your chapter dues? Please check the mailing label. If you are in arrears, contact the Chapter Treasurer at (310) 825-5250. If you have a change of address, notify the Chapter Secretary, Harold Dyck @ (909) 880-5765.



The Southern California

# Statistician

SOUTHERN CALIFORNIA CHAPTER, AMERICAN STATISTICAL ASSOCIATION

American Statistical Association, Southern California Chapter  
 c/o Jim Ashurst, Research Support Services  
 4521 Campus Dr. #201 Irvine, CA 92715

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# CAREER DAY IN STATISTICS

Sponsored by  
The Southern California Chapter  
of the  
American Statistical Association

*You are cordially invited to this very special day*

Saturday, March 4, 1995  
10:00 a.m. – 3:00 p.m.  
Cal State University, Dominguez Hills  
Location: The Grand Hall in the Student Union  
*Parking is located in front (3 large lots).*

Meet informally with representatives of companies and organizations from aerospace, the pharmaceutical industry, insurance, actuarial, healthcare, computer, government, and academic organizations from all over the Southern California area.

*Learn about career opportunities.  
Find a job or maximize your chances of finding a job.*

**No-host luncheon\* will be from 11:30 a.m. to 1:30 p.m. in the Bistro Room.**

Guest Speaker: Dr. Arnold Goodman  
Information Technology Service  
Los Angeles County

Title of Presentation: *CAREER PLANNING FOR THE 21ST CENTURY*  
Discussant: Dr. James Taylor, Kaiser Permanente

There is no charge for this event.

For further information, contact: Beth Rose, USC, 213-740-7124  
Noel Wheeler, UCLA (Retired), 805-543-5916  
Jay Devore, Cal Poly, 805-756-2026

\* Food services available for lunch (optional) in the cafeteria.



The Southern California

# Statistician

SOUTHERN CALIFORNIA CHAPTER, AMERICAN STATISTICAL ASSOCIATION

Volume 34, No.3

APRIL/MAY 1995

## Fourteenth Annual Workshop in Applied Statistics: May 19th

The Fourteenth Annual Workshop in Applied Statistics, sponsored by SCASA, will be held on

Friday, May 19, 1995,  
from 8:30am to 4:30pm,  
at the  
University Student Union  
on the campus of  
California State University,  
Long Beach.

This year's Applied Statistics Workshop will be about the visual display of data.

The SCASA is especially delighted to present Dr. William Cleveland and Dr. Richard Becker from AT&T/Bell Laboratories as guest speakers at the Workshop. Dr. Cleveland is author of the text *Visualizing Data* (Hobart Press, 1993) and is co-editor of *Dynamic Graphics for Statistics* (Brooks-Cole Wadsworth, 1988). Dr. Becker is a principal architect of the program S and the newer S+ and has written several books about this programming language. Dr. Cleveland and Dr. Becker will discuss and demonstrate Trellis Display, a new method for enhancing the presentation of small data sets and visualizing large data sets that have many variables.

Trellis Display represents a major step forward in the visualization of multi-variable and multidimensional data. At its most complex, the overall

display - reminiscent of a trellis - is a three way rectangular array of panels. Each panel shows a 2D or 3D graph of a subset of data. Trellis Display allows the user to efficiently align the axes of several 2D or 3D panels yielding a full display of multi-variable, multidimensional data. Dr. Cleveland and Dr. Becker will also demonstrate other useful features of Trellis Display that specifically enhance the presentation of small data sets.

The SCASA Workshop is always a well attended event, bringing together faculty, researchers, and students from all over Southern California who are interested in applied statistics. At the Workshop you will be able to view the most up-to-date books on applied statistics and interact with state-of-the-science statistical software made available by Workshop exhibitors.

Enclosed in this newsletter is a registration form for the Workshop. The registration fee is \$70 (\$30 for students). Registration forms postmarked on or before May 8th qualify for a \$5 discount. The fee includes admission to the program and exhibit area, handouts, an opportunity to win new books and software, refreshments and lunch.

For further information on the upcoming SCASA Workshop call *Connie Vadheim* at (310)222-3842, or *Roberta Madison* (818)885-4645.

## Chapter Constitution Ready for Vote

The new Chapter Constitution is now ready to be voted on by those regular or local Chapter members who have paid Chapter dues within the past two years. By the first of May each qualified Chapter member will be sent a copy of the proposed Constitution along with a ballot, which is to be returned, postmarked on, or before, May 21 (Student members will not be sent ballots since they are not eligible to vote

*Continued on next page*

## Careers Day 1995

One of the long standing successful annual activities of the Chapter is Careers Day in Statistics. The 1995 Careers Day in Statistics, held on March 4th at Cal State University - Dominguez Hills, continued the tradition of bringing students, recent graduates and others in touch with representatives of organizations using statistics and its applications. More than 110 registrants spoke with representatives of 24 companies and of several academic institutions regarding careers in statistics and related fields. The areas represented included academics, actuarial science, business and marketing, ecology, environmental consulting, health care, biotechnology, insurance, labor statistics, medicine, pharmaceuticals, public utility

*Continued on next page*

## Careers Day *(continued)*

ties, sports statistics, statistical software development, survey research, and wildlife management.

The attendees were treated to a very thoughtful, topical lunchtime presentation by Arnold Goodman, County of Los Angeles, on Career Planning for the 21st century and commentary by Jim Taylor, Kaiser Permanente. Arnie shared his personal ideas regarding technology opportunities, statistical challenges and career planning. An interesting discussion followed.

Many thanks go to all organization representatives without whose sup-

port this event could not take place.

Congratulations to Noel Wheeler, Vice President for Professional Affairs and Beth Rose, Vice President for Academic Affairs, for making this year's Careers Day so successful. Their organizational efforts and hard work publicizing the event and in arranging for representation from so many areas of statistical application deserve high praise.

Finally, thanks to Herman Loether and Cal State University - Dominguez Hills for local arrangements and facilities.

See you next year.

## Chapter Constitution Vote

*(continued)*

in this election.)

For the Constitution to be approved, at least two thirds of the voters must favor ratification. Should the proposal to ratify the Constitution fail, the Chapter President will convene a committee to revise the proposed Constitution and then hold another election.

For some time, the national office of the American Statistical Association have been pressing us to get a new Chapter constitution approved. We share their concern about this matter for a variety of reasons. Perhaps the most dramatic of these is our wish to operate our Chapter as a non profit group, which we all know it is, whose status is recognized by the IRS. To realize that status under the aegis of the ASA, we must have a current, properly worded Chapter Constitution on file in the national office. Other legal and financial issues also depend upon this matter.

If you have any questions about the proposed constitution or the ratification procedures, you are invited to contact either the Chapter President (Jay Devore) or Chapter Representative to the Council of Chapters (Ken Resser), as shown below:

JAY DEVORE  
office: (805)756-2026  
email:  
di516@oasis.calpoly.edu  
KEN RESSER  
office: (805)447-3275  
email:  
kenr@amgen.com

If, by May 10, you have not received your copy of the proposed constitution and the mail ballot, then please contact the Chapter Secretary (Harold Dyck), as shown below:

HAROLD DYCK  
office: (909)880-5765  
email:  
hdyck@wiley.csusb.edu

## The Chapter President Speaks...

I recently generated a few thoughts according to a Poisson process (with very small rate, naturally) which I'd like to share with you.

First of all, Careers Day was a resounding success. My thanks to all organizers and participants. The feedback on the survey forms was quite positive. My vote for the most amusing response goes to the person who most liked the free food and wanted more next year. Several respondents heaped praise on Arnie Goodman for the new insights he shared in his talk. Can an Arnie for State Assembly campaign be far off (a statistician would be a pleasant counterpoint to all those slick lawyers).

Secondly, a group of ex-chapter presidents met in February as a self-appointed advisory committee. A central objective is to develop ideas and provide opportunities for increasing the number and quality of chapter activities and improving the level of participation (there is no truth to the rumor that committee members were selected to maximize the chance of laughter in response to Bob Newcomb's jokes). Your assistance is requested!! We hope to solicit opinions and suggestions in a brief survey form to accompany the upcoming ballot on the chapter constitution. Volunteers to serve as chapter officers or facilitators will also be wel-

comed with open arms. Our committee will meet again right after the workshop in May. Please communicate your ideas on reinventing/reinvigorating the chapter to me, Bob Newcomb, Jim Taylor, Ken Resser, Ernie Scheuer, Mike Chernick, Arnie Goodman, Don Bentley, or Subir Ghosh (addresses/telephone numbers in the new ASA directory).

Rita Petersen, our esteemed newsletter publisher/editor/crack reporter is close to the end of her tether. Is there anyone out there who could lend us a hand in producing this rag? Please!! (a cabinet level post as minister of propaganda may be in the offing).

The national office is soliciting names of people who would like to serve on ASA committees. A list of committees appeared in a recent AMSTAT News. I'll be happy to submit names, or you can write directly to Daniel Horvitz at the national office. Finally, Don Bentley pulled off a great coup in getting Steve Stigler, statistical historian extraordinaire, for our Fall Kickoff meeting. This is currently scheduled for Saturday, Oct. 21 at Pomona College. Perhaps Steve will emulate Alec Guinness and simultaneously play the roles of Fisher, Student, Pearson, Neyman, and Elizabeth Scott. So reserve your seats!

*Cheers, Jay Devore*

**SIGGRAPH 95 in LA****6-11 August 1995**

Chapter members who are interested in computer graphics will be pleased to learn that the 22nd International Conference on Computer Graphics and Interactive Techniques, SIGGRAPH 95, will be held in Los Angeles this coming August. This conference, which is sponsored by the Association for Computing Machinery's Special Interest Group on Computer Graphics (ACM SIGGRAPH) will be a showcase for the most recent advances in computer graphics and interactive techniques and will offer a full range of displays, workshops, panels, paper sessions and professional seminars.

Early registration is strongly advised, as substantial discounts apply to registrations received by Friday, 30 June 1995.

We are planning to have SIGGRAPH 95 information available at the upcoming Applied Statistics Workshop. In the meantime, on-line access to SIGGRAPH 95 announcements, programs and other information may be obtained from any of the following three sources:

URL

<http://siggraph.org/conferences/siggraph95/siggraph95.html>

Gopher

[gopher.siggraph.org\(port70\)](gopher.siggraph.org(port70))

FTP <ftp.siggraph.org>

**Stephen Stigler  
Scheduled for  
SCASA's Annual  
Fall Kick-off**

An early announcement for those who like to plan ahead: The next Fall-Kickoff meeting is currently scheduled for **October 21 at Pomona College** with guest speaker, Stephen Stigler. The title of the talk will be announced later in the year. This promises to be one of the highlights of the next SCASA year.

**UC RIVERSIDE  
STATISTICS COLLOQUIUM  
SPRING, 1995**

Talks are at 3:45-5:00pm in Stat/Comp.  
Bldg, Rm.2678

Refreshments are served at 3:30pm in  
Stat/Comp Bldg, Rm.2634

For information call  
(909)787-3774

**April 25**

Dr. Leon A Steinhert

**Topic**

"The Quantum Device: Myth  
and Reality"

**May 9**

Dr. Michael Wulfson,  
UCLA Center for  
Vaccine Research

**May 23**

Dr. Arnold Goodman,  
County of Los Angeles,  
Information Technology Service

**SDSU Colloquium****April 24th**

Prof. Bernard Harris  
Dept. of Statistics  
University of Wisconsin,  
Madison

"Probability Models and Limit  
Theorems for Random Interval  
Graphs with Applications  
to Cluster Analysis"

3:30pm

Bldg BAM, Room BA-261

Coffee at 3:00

in room BA 339. Please call  
(619) 594-4170 for information

**EDITOR'S NOTE**

Send items for the next issue to:  
Rita Petersen  
27931 Paseo Nicole,  
San Juan Capistrano, CA 92675  
Phone: (714) 493-1916  
FAX: (714) 493-5596 (call first)  
EMAIL:  
PETERSEN@ORION.OAC.UCI.EDU

**RAND STATISTICS  
SEMINAR SERIES**

Sponsored by the Statistics Group

**THURSDAY, APRIL 20,****Barry Arnold**

Department of Statistics  
University of California, Riverside

**Topic:**

Conditionally Specified  
Bivariate Survival Models

**THURSDAY, MAY 11****Carl Morris**

Department of Statistics  
Harvard University

**Topic:**

"Hospital Profiling with  
Multi-Level Models"

**THURSDAY, JUNE 22****Jim Hodges**

Division of Biostatistics,  
School of Public Health,  
University of Minnesota

**Topic:**

"Tuning the Prior Distribution  
of Regression Parameters for  
Model-Mixing Hospital Profiling  
with Multi-Level Models"

**JULY 1995****Brad Efron**

Statistics Department  
Stanford University

**Topic:**

TBA

**SEPTEMBER 1995****Arnold Zellner**

Graduate School of Business  
University of Chicago

**Topic:**

TBA

*All talks are at 4:00 in the Main  
Conference Room. For further  
information, contact Tom Lucas  
@ (310)393-0411 x 7140*

**RAND**  
1700 Main Street  
Santa Monica, CA 90401.

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 AMGEN Inc  
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 Thousand Oaks, CA 91320-1789  
 (805)447-3275

**Past President:**

Subir Ghosh  
 Dept. of Statistics,  
 UC Riverside, CA 92521  
 (714) 787-3781

**Employment Opportunities****Statistician**

Seeking expert PhD level professional statistician to: Manage SPSS programmers working with large, complex market reasearch/social science data sets; prepare sampling plans, statistical analysis designs and narrative reports. Excellent oral and written communication skills. Salary commensurate with experience.

Fax or Mail resume and refs to:  
 Cheryl Stetcher, PhD.,  
 President, Applied Management and Planning Group  
 12300 Wilshire Blvd, Suite 430  
 Los Angeles, CA 90025  
 Fax: (310)207-2964

**Have you paid your Chapter Dues?/Change of Address?**

Please check the mailing label. The number after your name indicates the last time you paid your dues. If you are in arrears, please contact the Chapter treasurer, Jim Sayre at (310)825-5250. If you have moved, please notify Harold Dyck, Chapter Secretary at (909) 880-5765

**Editor's Request**

Again, I'd like to remind all our reader's to keep an eye out for job opportunities. Many potential employers either don't know about our newsletter, or simply forget that it's an easy, free and often fruitful method of reaching potential candidates. I feel it's a valuable service to our readers and hate to see this side of the newsletter so empty of ads.

If you know of anything, please take the time to either Fax it, e-mail or avoid cyberspace and use that old, but still useful method of stamp-licking. See the editor's note on the previous page for address, etc.

*The Southern California***Statistician**

SOUTHERN CALIFORNIA CHAPTER, AMERICAN STATISTICAL ASSOCIATION

American Statistical Association, Southern California Chapter  
 4521 Campus Dr. #201 Irvine, CA 92715

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The Southern California  
**Statistician**

SOUTHERN CALIFORNIA CHAPTER, AMERICAN STATISTICAL ASSOCIATION

Volume 34, No.4

October 1995

## Stephen Stigler Featured at Annual SCASA Fall "Kick-off" Meeting: October 21

This year's Fall Kickoff will feature Stephen Stigler and be held at Pomona College in Claremont.

Date:

October 21

Place:

Seaver North,  
645 N. College Ave.,  
Pomona College

Cost:

Lunch \$15.00 (students \$10.00)

### PROGRAM SCHEDULE

9:30 - 10:30 am

Registration,  
Seaver Auditorium

10:30- 12:00 noon

Morning Session

12:15 - 1:15pm Lunch  
and business Meetings

Blue Room,  
Frank Dining Hall

1:30 - 3:00pm

Afternoon Session

3:00 pm Reception,  
Math Lounge, Milliken Lab

Reservations must be received by-  
October 16.

### Morning Session

"The History of Statistics  
and Forensic Sciences  
before DNA"

#### Abstract:

To gain perspective on the current controversies involving statistical aspects of DNA fingerprinting, the history of the application of statistics and probability in personal identification, going back to the 1880s and beyond, will be examined. Topics involved include fingerprints, photography, correlation, graphical models, priority disputes, murder, contingency tables, testing multiple hypotheses, forgery, J. Edgar Hoover, twins, simulation.

### Afternoon Session

"From Pascal's Triangle to Modern  
Probability and Statistics"

#### Abstract:

An attempt is made to show historically how many of the most important modern concepts and results were derived from that most elementary of arithmetic devices, Pascal's Arithmetic Triangle, which itself dates from at least the 11th Century. The historical derivation can perhaps help clarify understanding of these results today.

Please use the registration form on the back of this issue (or a copy thereof) for registering by mail. Also, please note that it is important to register early. Reservations should be received no later than October 16th in order to ensure lunch availability. Directions to Pomona College follow.

For further information on the meeting, please call (909) 621-8409.

#### Directions to Pomona College:

Major highway routes to Pomona College are Freeway I-10 (the San Bernardino), Freeway 57 (the Orange), Freeway U.S. 60 (the Pomona), and Freeway I-210 (the Foothill).

To reach Claremont from any area except Pasadena, take the I-10 to Indian Hill Boulevard (exit 47), and drive north. It is one mile to First Street in the village. Turn right three blocks to the College Ave. Left to 7th St. Seaver Auditorium is at the SW corner of 7th and College. To reach I-10 from Orange County and the south, take 57 or from Long Beach take I-605. From the west and southwest Los Angeles, take US 60 to 57 and 57 to I-10.

From Pasadena and the San Fernando Valley, take I-210 east until it terminates at Foothill Blvd. Drive three miles further and turn right on Dartmouth Ave.

## SCASA Constitution Ratified

The vote on the proposed SCASA constitution resulted in a 55 yes / 2 no landslide. Of course, about 400 ballots were sent out, and all good statisticians know about non-response bias. You had your chance! The vote in favor of ratification represents a significant milestone—the national office has been on our case over this for a long time, so now they have one less thing to complain about. Kudos to Bob Newcomb and Ken Resser for all their work on this historic document, and to our beloved secretary Harold Dyck for stuffing the ballot box at the last minute to ensure victory.

## Internet Access to Chapter and ASA Information

If you are connected to INTERNET and have WEB access software you can access Chapter information at the following WORLD WIDE WEB address:

<http://orion.oac.uci.edu/~mnewcomb/statistics/scasa/scasa.html>

The ASA home page address is:

<http://www.amstat.org>

The chapter's home page is also accessible from the ASA home page. If anyone would like to make suggestions as to what should be added, please contact Bob Newcomb at (714) 824-5366 or by e-mail at [mnewcomb@uci.edu](mailto:mnewcomb@uci.edu).

## A Message from the Chapter Secretary

Please note that the number in brackets to the right of your name on your mailing label is the year and month my records show you last paid. For example, [9503] indicates you paid March of '95. (In contrast, the National ASA label would indicate "03/96" for the same person, indicating when membership expires). Please be sure that you are up to date with your dues.

*Harold Dyck, Secretary*

## President's Message...

Last year was a good one for our chapter. The Fall Kickoff featuring Paul Switzer was well attended, our dynamic vice-presidential duo orchestrated an extremely successful Careers Day, and the folks on the Applied Statistics Workshop organizing committee did well to bring us the Cleveland and Becker production of Trellis Displays, a sure bet for a Grammy nomination. We hope that this year will be even better.

The eminent statistical historian Steve Stigler will get things rolling October 21 at the Fall Kickoff. At the conclusion of Steve's presentation, we'll have an open forum on new directions for our chapter. Topics for discussion will include possible expansion of the Applied Statistics Workshop (Bob Newcomb's trial balloon), how the chapter might get involved in statistical education/quantitative literacy efforts (Don Bentley's baby), and ways to encourage local area activities. To stimulate attendance and participa-

tion, we are considering a door prize -- an evening with our Pulitzer Prize-winning editor and heart-throb Rita Peterson as she puts together the chapter newsletter.

Lastly, a clarion call for volunteers who can serve the chapter as officers, local area coordinators, or in other yet-to-be-determined capacities. We have a very large chapter membership base. However, the people primarily responsible for keeping the chapter functioning are getting old and tired. New blood and some new faces are desperately needed to generate new ideas and enthusiasm (although one of the few comments received along with the constitution ballots read "You are doing a perfect job!"). Please contact me at Statistics Dept., Cal Poly, San Luis Obispo, CA 93407 or email [DI516@oasis.calpoly.edu](mailto:DI516@oasis.calpoly.edu) to offer your services.

See you at the Fall Kickoff!

*Jay Devore*

## Obituary

The Chapter wishes to note the passing away of Wendell Maccoby last December 1994.

Wendell Maccoby graduated from Reed College in 1941. He was active in the Chapter a number of years ago. He served as president and frequently arranged for chapter meetings at the L.A. Dept. of Water and Power building in downtown L.A. He was a statistician for the LADWP from the '50s until his retirement.

## EDITOR'S NOTE

Send items for the next issue to:  
**Rita Petersen**  
 27931 Paseo Nicole,  
 San Juan Capistrano, CA 92675  
 Phone: (714) 493-1916  
 FAX: (714) 493-5596 (call first)  
 EMAIL:  
[PETERSEN@ORION.OAC.UCLEDU](mailto:PETERSEN@ORION.OAC.UCLEDU)

### UCR STATISTICS DEPARTMENT COLLOQUIA

Talks are held Tuesdays at 3:45 in Stat/Comp 2678  
with refreshments at 3:30 in Stat/Comp 2643.

*For information, contact the  
Statistics Department at  
(909)787-3774*

#### OCTOBER 10

Professor David Hinkeley, UCSB  
"Monte Carlo and Bootstrap  
Significance Tests"

#### OCTOBER 17

Professor Stuart Anstis, UCSD  
"Vision and Visualization"

#### OCTOBER 24

Professor Nathaniel Schenker, UCLA  
"The Use of Multiple Imputation  
to Calibrate Industry and Occupation Codes in  
Public-use Samples from the 1970 and 1980 Censuses"

#### OCTOBER 31

Professor Richard Berk  
TBA

#### NOVEMBER 7

Professor Judea Pearl, UCLA  
"Statistics and Casuality: From Simpson's  
Paradox to Mathematical Symbiosis"

#### NOVEMBER 14

Professor William C. Navidi, USC  
"Estimating Mutation Rates  
in Mitochondria"

#### NOVEMBER 21

Professor Shizhong Xu, UCR  
"A Random Model Approach to  
Interval Mapping of  
Quantitative Trait Loci"

#### NOVEMBER 28

Dr. Michael Guzy, US Salinity Lab  
"Computer Simulations of Crop Growth:  
A Computational Perspective"

#### DECEMBER 5

Dr. David R. Weise, Forest Fire Lab  
"Simulating and Sampling  
Competing Hardwood Vegetation in Pine Plantations  
in the Southeastern United States"

### SDSU SEMINARS STATISTICS/BIOSTATISTICS

October 12 1:00pm

Dr. Duane Steffey  
"Potential New Uses of Sampling and  
Estimation in the 2000 Census"

October 26 1:00 pm

Dr Kung-Jong Lui  
"Notes on Conditional Confidence Limits  
under Inverse Sampling"

*For information about location and other future talks,  
please contact Dr. Lui @ (610) 594-7239*

#### Other Seminars and Colloquia:

UCLA School of Public Health  
UCLA Statistical Seminars  
Call (310) 825-5250 for information  
USC Dept of Preventive Medicine  
Call Brian Langholz@ (310) 342-1212 for information

## Employment Opportunities

### Statistical Analyst

Pharmavite, a leading manufacturer of quality nutritional supplements, has a challenging position available. Responsibilities include providing comprehensive analysis of statistical models created by our Demand Planners. Requires a BS/BA degree (Master's preferred) with emphasis in Math or Statistics or equivalent work experience and minimum two years experience in statistical analysis, along with an understanding of customer service and consumer products, ability to demonstrate experience with statistical software programs, and excellent oral and written communication skills. Familiarity with Manugistics and Harvard Graphics desirable.

We offer an attractive compensation package and excellent benefits. For immediate consideration, please fax (818-837-6108) or mail resume with salary history to:

Human Resources  
Pharmavite  
15451 San Fernando Mission  
Mission Hills, CA 91345-1301  
An EOE/AA Employer

## Registration Form for SCASA Annual Fall "Kickoff" Meeting, October 21, 1995

Name: \_\_\_\_\_ Business Phone ( ) \_\_\_\_\_

Number of Attendees: \_\_\_\_\_ SCASA Members (\$15.00) \_\_\_\_\_

Students(\$10.00) \_\_\_\_\_

Please return this form (or a copy thereof), together with your check  
made payable to SCASA and mail to:

Kathy Sheldon  
Department of Mathematics  
Pomona College  
Claremont, CA 91711-6348

*Reservations should be received by October 16th*

Please verify the date on the mailing label to ensure that you are up to date with your Chapter dues.  
If not, please contact the Chapter treasurer, Jim Sayre at (310) 825-5250. Also, if you have a  
change of address, or if you have had any difficulties receiving the newsletter, you may  
notify the Chapter Secretary, Harold Dyck at (909) 880-5765.



The Southern California

# Statistician

SOUTHERN CALIFORNIA CHAPTER, AMERICAN STATISTICAL ASSOCIATION

c/o Harold Dyck  
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