

SOUTHERN CALIFORNIA CHAPTER of the AMERICAN STATISTICAL
ASSOCIATION

2010 FALL KICK-OFF

Saturday, November 13, 2010 at UCLA IPAM

REGISTRATION FORM

Please print clearly:

Name: _____

Affiliation _____

E-mail address:

Preferred Phone

Number: _____

Pre-registration:

Students \$10.00

Non Students \$35.00

Registration at the door

Students \$15.00

Non Students \$45.00

Registration will include lunch. Please check if you request vegetarian:

Vegetarian Lunch Request: _____

**Please make your check payable to SCASA and mail it, together with
this form, to:**

Robert Gould
UCLA Dept. of Statistics
8125 Math Science Blvd, Box 941554
Los Angeles, CA 90095-1554

To Qualify for the Preregistration Rate(s)

Lunch Reservations must be postmarked by Friday, November 3, 2010

SCASA Fall Kickoff 2010

@The UCLA Institute for Pure and Applied Mathematics
in the Portola Plaza Building, UCLA
November 13, 2010

9-10 am Registration and Continental Breakfast
10-10:15 Introductions
10:15-11:30 Allan Rossman: Undergraduate Statistics: Issues, Trends Challenges
11:30-1:00 Lunch and Business Meeting
1-2:30 Allan Rossman: AP Statistics: Past, Present, Future (and How You Can Help)

Registration: <http://www.sc-asa.org/>

Cost: \$35/\$10 (regular/student) if received by November 3. Add \$10 if paid at the door.

Abstracts for Talks

Our chapter has long been interested in improving statistics education and has been quite active in this area. This year, we've invited Allan Rossman, Professor of Statistics at Cal Poly San Luis Obispo, and Chief Reader for the AP Statistics exam, to talk to us about how statisticians can best continue their involvement in improving statistics education.

Undergraduate Statistics: Issues, Trends, Challenges

Allan Rossman (speaker) and Beth Chance

We give an overview of some issues, trends, and challenges in undergraduate statistics education. Topics to be addressed include: 1) need and content for statistical literacy courses, 2) simulation-based methods in introductory service courses, 3) developing second courses in statistics, 4) introducing mathematically inclined students to statistics, 5) preparing future teachers of statistics, and 6) capstone experience for students majoring in statistics.

Advanced Placement Statistics: Past, Present, Future (and How You Can Help)

Allan Rossman (speaker) and Beth Chance

We summarize the history of the AP Statistics program, which has introduced more than a million high school students to statistics over the past dozen years. Then we describe the current state of the program, including an overview of how the exam is written and graded. Next we make some predictions about where the AP program might be heading. Finally, perhaps most importantly, we suggest some ways that local statisticians might become involved with helping AP Statistics teachers and students.

Allan Rossman is Professor of Statistics at Cal Poly- San Luis Obispo. His Ph.D. is in Statistics, from Carnegie Mellon University. He is co-author with Beth Chance of the *Workshop Statistics* series and also of *Investigating Statistical Concepts, Applications, and Methods*, both of which adopt an active learning approach to learning introductory statistics. He is a Fellow of the American Statistical Association and was Program Chair for the 2007 Joint Statistical Meetings. He serves as Chief Reader for the Advanced Placement program in Statistics and is Past-President of the International Association for Statistical Education. He was one of the recipients of the Mathematical Association of America's Deborah and Franklin Tepper Haimo Award for Distinguished College or University Teaching of Mathematics in 2010.