

San Diego Chapter of the American Statistical Association (SD ASA) Teachers Fair

"Exciting developments in statistics: New ways in which computers help us to describe pattern"

September 10, 2005

9:30am - 3:00pm

Southwest Fisheries Science Center
8604 La Jolla Shores Drive, La Jolla

Schedule

9:30-9:45am Registration and Welcome

9:45-10:30am Dr. Nicholas Schork, Professor of Psychiatry & Biostatistics, Department of Psychiatry, School of Medicine University of California, San Diego

"DNA sequencing and microarrays: An introduction to the field of modern statistical genomics and bioinformatics"

10:45-11:30am Dr. Mark Hansen, Professor of Statistics, Department of Statistics, University of California, Los Angeles

"Statistics in Music and media arts: An introduction to computer-intensive methods for describing communication"

11:45-12:30am Dr. Robert Gould, Vice-Chair of Undergraduate Studies, Department of Statistics, University of California, Los Angeles

"Classroom techniques for teaching computer simulation methods"

12:45-2:45pm Lunch and Group Discussion

How can the SD ASA help to forge a stronger relationship between high school and community college teachers and local professional statisticians?

1) What classroom assistance could the SD ASA provide teachers?
Can the SD ASA provide assistance with statistical research projects required as part of the AP Statistics Curriculum?

2) How can the SD ASA increase participation of high school and community college students and teachers in its annual Careers Day?

3) How can the SD ASA assist teachers with continuing education?

2:45-3:00pm Summary of Group Discussion