

# The Southern California STATISTICIAN

❖ Meeting Memo and Newsletter ❖

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## January Meeting Announcement

Los Angeles/San Diego

WHO: Benjamin W. Zweifach  
Professor of Bioengineering  
UC at San Diego

TOPIC: "Image Processing of Small Blood  
Vessel Patterns in Patients  
with Diabetes"

WHEN: Thursday, January 24, 1980  
6:00 P.M. - Social Hour  
7:00 P.M. - Dinner  
8:00 P.M. - Speaker

PRICE: \$9.00  
\$6.00 for full time students

DINNER RESERVATIONS: Please place your  
reservations with Bruce Hodge at  
(213) 741-4480 or Robert Newcomb  
(714) 833-6251 by Friday, January 21.

WHERE: UC at Irvine (attached map)  
University Club (#37)

Professor Zweifach has been Associate Professor of Physiology at Cornell University Medical College, Associate Professor of Biology at New York University, and Professor of Pathology at New York University School of Medicine. He has been a Visiting Professor at the California Institute of Technology. He has published numerous articles in such journals as Microcirculation, Microvascular Research, American Journal of Physiology, and Circulation Research.

His talk will be on the new and highly successful test for detecting diabetes. This new testing procedure was developed under his direction. The test combines photography and computerized analysis focussing on small changes in the small blood vessels in the white of the eye. Computer techniques were developed by UCSD's Visibility Laboratory and the Jet Propulsion Laboratory to scan eye photographs. The test can also monitor the disease and provide a yardstick for the success of treatment.

### The Speaker and His Topic

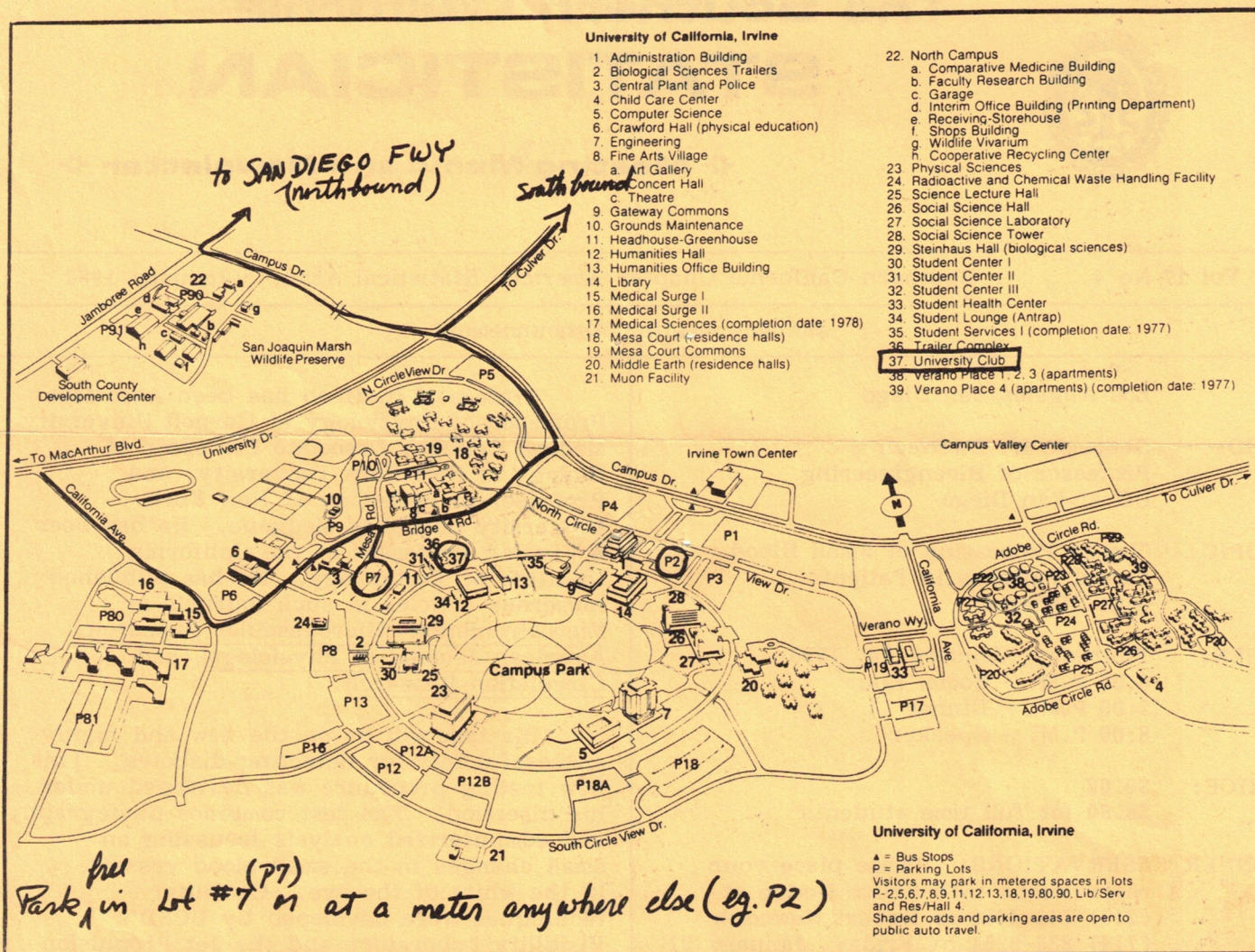
Benjamin W. Zweifach is Professor of Bioengineering at the University of California at San Diego.

Professor Zweifach holds a BS degree from the College of City of New York, an MS degree from New York University, and a Ph.D. from New York University Medical Center. He was the Christian A. Herter Research Fellow in Physiology at New York University College of Medicine. He was also the Charlton Research Fellow at Tufts College Medical School.

The Department of Management Science at California State University, Northridge seeks persons doctorally qualified in operations research, production and operations management, statistics or related fields as part time faculty. Preference will be given to those with previous teaching experience. Address inquiries to:

Dr. John R. Miller  
Management Science Department  
California State University  
Northridge, CA 91330





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