

# California Association of Criminalists

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## NEWSLETTER

January 1972

Dear Members:

"Can societies assume professional responsibilities and, at the same time, maintain quality of their traditional efforts?"

So asks the feature article in the December 13, 1971 issue of Chemical and Engineering News. You'll find it on pages 22-28. I urge you to read it...and to understand what it may augur for our Association.

First (and they may surprise a few people), here are the definitions of the two functions of a technical society:

1. professional responsibilities: those activities carried out in behalf of the direct economic interests of the individual member
2. traditional efforts: those activities that are primarily for the good of the people as a whole; e.g., the publication of journals and the sponsorship of scientific meetings.

A quick glance at our purposes as stated in the By-laws confirms that the California Association of Criminalists is orientated toward "traditional efforts." However, some of our activities, such as the annual salary survey, are clearly in the area of "professional responsibilities." Others, such as the issues of certification and the proposed "master plan" for regional laboratories,

NEWSLETTER  
January, 1972  
Page 2

have some element of self interest.

As the author of the above-mentioned article points out, the two functions are not antithetical; i.e., they can exist together. But it is important to understand that they do represent different philosophies.

Therefore, unless we can continue to walk the tightrope of co-existence, some future day we may each have to make a personal decision regarding the course of the Association.

(s) Anthony Longhetti  
President



## ASSOCIATION NEWS

PROVISIONAL MEMBERS. Provisional members are reminded that Article II, section 2, paragraph (b) of the By-Laws states that "a provisional member not advanced to the class of Member after three years shall be designated a Corresponding Member by the Board of Directors."

All Provisional Members are urged to meet the requirements for elevation to Member during this three-year period so that it will not be necessary for the Board of Directors to change their membership status to that of Corresponding Member.

NEW CAC MEMBERS. G. T. Mitosinka, Editorial Secretary, states that the journal subscription for new members is prepaid one year in advance. As a result, new members will receive the journal approximately one year after acceptance as a member of CAC.

ANTI-HUMAN PRECIPITIN SERUM. Gary L. Siglar, Criminalist, Los Angeles Sheriff's Department, brings to the attention of the membership that Hyland Laboratories has discontinued production of anti-human precipitin serum. Mr. Siglar has, however, found a source in Colorado which he is now evaluating.

Colorado Serum Company Laboratories  
4950 York Street  
Denver, Colorado 80216

<u>Product</u>	<u>Code</u>	<u>Size</u>	<u>Price</u>
Anti-Human Precipitating Serum	CS-2110	1cc	\$6.60
Normal Control Serum for the Anti-Human Precipitin Test	CS-2140	1cc	\$3.30

The serum is supplied only as a ready-to-use liquid rather than the customary dry powder.

ADDITIONAL SOURCES FOR ANTI-HUMAN SERUM. James White, Criminalist, Orange County Crime Laboratory, brings two additional sources for serum to the attention of interested CAC members:

Behring Diagnostics  
Division of American Holchst Corporation  
Route 202-206 North  
Summerville, N.J. 08876  
Phone: (201) 526-1100, Ext. 636

According to Mr. White, the price is \$20.00 per ml but the sensitivity is good at 1:1000 dilution. Mr. White also finds that it is negative to all animal sera tested at 1:50 dilution.



Cappel Laboratories, Inc.  
Downingtown, Pa. 19335  
Phone: (215) 269-0275

Cappel's sera costs \$10.00 for 2 ml with control sera available at \$4.00 for 2 ml. Mr. White finds that this product is sensitive to 1:1000 and negative to all animal sera he has tested. Mr. White further states that he has found Cappel animal anti-sera not as selective as the human. For example, he has found anti-dog sera will react weakly to a 1:50 pig sera dilution.

INSTITUTE OF FORENSIC SCIENCES. It has recently been announced by Dr. George S. Loquvam, Director, that the newly formed Institute of Forensic Sciences located at 2945 Webster Street in Oakland will offer service in pathology, immunohematology, toxicology, criminalistics, questioned documents, accident dynamics, odontology, anthropology and anesthesiology. Among the staff members of the new Institute are members of the CAC. These include: L. B. Miller, Fred Wynbrandt, and Arnold Siegel.

LAS VEGAS, NEVADA, CRIME LABORATORY. The city of Las Vegas has recently added the position of criminalist to their staff. This position has been filled by Richard Renner, formerly of the Los Angeles County Sheriff's Office Crime Laboratory.

SPRING 1972 CAC SEMINAR. Program Chairman Litterley has provided the following information to the Board of Directors concerning the Spring Meeting: The dates of the Seminar are May 18, 19, and 20, 1972, and the meeting will be held at the Pierpont Inn in Ventura. Room rates are \$12.00 to \$14.00 for singles and \$16.00 to \$20.00 for doubles. A luncheon will be served on May 19th at a cost of \$3.50 and a banquet on the evening of the 19th at a cost of \$7.50 including tax and tip. If there is sufficient interest, tours of points of historical interest, fashion shows and other diversions will be arranged for the wives.

MIDWESTERN ASSOCIATION OF FORENSIC SCIENTISTS. T. F. Elzerman, Vice-president of the newly formed Midwestern Association of Forensic Scientists advises us that interested CAC members will be eligible for membership. Those interested should contact Richard Fox, Director, Regional Center for Criminal Justice, 2100 North Noland Road, Independence, Mo. 64051. Mr. Fox is Membership Secretary. In addition to Mr. Fox and Mr. Elzerman, other officers are: John P. Klosterman, President, and Patricia L. Purdon, Secretary-Treasurer.

SOUTHERN CALIFORNIA CAC MONTHLY MEETINGS. Monthly meetings for the Southern California members arranged by Member-at-Large Richard Shaw are as follows:



- 21 January Rancho Los Amigos Hospital, 7601 East Imperial Highway, Downey. Dinner promptly at 1800 followed by a formal program on Drug Abuse. Dr. Naresh Jain, host.
- 11 February San Diego. Place and time to be announced. Richard Shaw and Joseph Orantes, hosts.
- 17 March Los Angeles. Time and place to be announced. Harry E. McKeehan, host.
- 14 April Ventura. Time and place to be announced. F. R. Litterly, host

Mr. Shaw reported that the December meeting, hosted by CAC President, Anthony Longhetti, was attended by 64 members and guests. The meeting was held at the Ontario Motor Speedway and films were shown of the construction of the speedway and of the first Ontario 500.

#### TECHNICAL NOTES

Procaine-Cocaine Separation by TLC. For analysts using methanol: ammonia (100:1.5) for screening for basic drugs who are bothered by the large number of compounds which have Rf's at .7 and above, a useful companion system is Benzene:Acetone:Ammonia (50:10:5, discard aqueous).

Most bases remain at low Rf's, but many compounds of interest move out and give excellent separation. It is an especially good system for separating procaine (Rf.25) from cocaine (Rf.7). Other compounds which "move out" are methadone (.4), and propoxyphene (.65), and phencyclidine (.8).  
(Submitted by James White, Criminalist, Orange County Criminalistics Laboratory.)

EDITOR'S NOTE: Please submit data on procedures, evaluations of procedures, case data, etc, to the Recording Secretary for publication in the Newsletter.

#### ANNOUNCEMENT OF STATE, NATIONAL, AND INTERNATIONAL MEETINGS

American Academy of Forensic Sciences. March 1-4, 1972. Sheraton-Biltmore Hotel, Atlanta, Georgia. Contact: Secretary, James Weston, 44 Medical Drive, Salt Lake City, Utah 84113.

California Association of Criminalists. May 18-20, 1972. Pierpont Inn, San Jon Road, Ventura, California. Contact: Program Chairman F. R. Litterly, Laboratory of Criminalistics, Ventura County Sheriff's Office, Ventura, California



4th International Congress of Traffic Medicine; 2nd International Congress of Drug Abuse and Addiction; and Congress of Clinical Toxicology, Paris, France, September 11-15, 1972.

6th International Meeting of Forensic Sciences. Edinburgh, Scotland, September 21-26, 1972. Contact: Dr. T. K. Marshall, Institute of Pathology, Grosvenor Road, Belfast, Northern Ireland.

Information concerning a charter flight from New York City to both the Paris and Edinburgh meetings may be obtained from Dr. Milton Helpern, Medical Examiner, City of New York.

ANNOUNCEMENT OF POSITIONS AND APPLICANTS

Positions Wanted:

Stephen Ojena	(M.S., Forensic Science,
792 Columbus Ave., 17R	John Jay College of Criminal
New York, N.Y. 10025	Justice)

Positions Open:

Criminalist I or Criminalist II. County of Orange, California

Salary: Criminalist I: \$901 - \$1123 per month  
Criminalist II: \$1187 - \$1479 per month

For further information contact: W. J. Cadman, Chief Criminalist,  
Phone: (714) 834-4481

Assistant Criminalist, San Mateo County, California

Salary: \$1157-\$1446 per month. B.S. in Chemistry or Criminalistics required. Apply: Civil Service, Fiscal Building, Redwood City, California 94063

LEGISLATIVE NEWS

People v. Piper, 19 C.A.3d 248

The defendant was convicted of possessing marijuana and narcotic paraphernalia. The evidence showed that he possessed 13.6 gm and a smoking pipe containing residue (Superior Court of San Diego County).

The plaintiff appealed because no quantitative analysis of the plant material had been made to establish if it were sufficiently potent to produce a pharmacological effect. Therefore, the prosecution had failed to bear its burden of showing he had a "usable"



quantity. The Court of Appeal affirmed the conviction noting the legislative intent behind the law regulating possession of marijuana is to regulate the contraband in any form and no distinction is made between a high-grade and a low-grade plant. The Court held the fact a particular plant may contain a low grade of THC, or a person possessing marijuana has developed a high tolerance to its effect is immaterial. (Extracted from summary submitted by Dwayne Dillon.)

U.S. of America v. Stifel, 443 F.2d 431 (1970)

This decision relates to the admission of the results of neutron activation analysis. The decision allowed testimony related to neutron activation analysis to stand, but contained the following comment when discussing NAA: "...if the government sees fit to use this time consuming expensive means of fact-finding, it must both allow time for a defendant to make similar tests, and in the instance of an indigent defendant, a means to provide for payment for same." (Submitted by Dwayne Dillon.)

NEW ADDRESSES OF MEMBERS

<u>Name and Title</u>	<u>Agency Address</u>	<u>Home Address</u>
Burd, David Q. Criminalist		*1511 El Nido Way Sacramento, Ca. 95825 (916) 489-0530
Coddington, Terry L. Criminalist		3203 Anza Street San Francisco, Ca. 94121 (415) 386-0418
Miller, L. B. Criminalist	*Institute of Forensic Sciences 2945 Webster Street Oakland, Calif. 94609 (415) 451-1060	
Reed, Dwight Associate Toxicologist	Agency phone change (714) 834-4629	3601 W. Washington Santa Ana, Ca. 92703 (714) 839-9852
Stottlemeyer, E. Don Criminalist	*Sacramento County District Attorney's Office Criminalistics Laboratory 4400 "V" Street Sacramento, Ca. 95817 (916) 454-5704	

\*Preferred mailing address.



Young, Arthur E.  
Criminalist

4326 Milan Court  
Riverside, Ca. 92505

Agency phone changes for Paul Sedgwick and Robert Cravey:  
(714) 834-4629.

#### NEW BOOKS AND SELECTED REFERENCES

Management Planning for Forensic Science Laboratories (PB-202-725),  
E. S. Krendel, et al, paper copy \$3.00 (microfische 95 cents) 190  
pages. Available from: The National Technical Information Service,  
U.S. Dept. of Commerce, Springfield, Va. 22151.

According to Dwayne Dillon, who made this information available  
to us, the book presents methods of determining optimal forensic  
service for any catchment area, given its criminal justice organi-  
zation and crime pattern.

Investigation and Preparation of Criminal Cases, Bailey, F. Lee  
& Rothblatt, H. B. (source and price not given to editor)

Robert Cranston states that the CAC has gained nationwide recogni-  
tion in the law profession through this book. One chapter deals  
with "Locating Scientific and Technical Experts." And in the  
section on criminalists, Bailey and Rothblatt give a brief descrip-  
tion of what a criminalist can do. At the end of the book the  
authors state "The leading organization is the California Associa-  
tion of Criminalists..."

Advances in Forensic Toxicology, Alan S. Curry, \$32.50 per copy,  
300 pages. Available from: CRC Press, The Chemical Rubber Co.,  
18901 Cranwood Parkway, Cleveland, Ohio 44128

Manual of Analytical Toxicology, Irving Sunshine editor, \$13.50  
per copy, 393 pages. Available from: CRC Press (address above).

LAST MINUTE ITEM \* \* \*

#### CHARTER FLIGHT TO THE INTERNATIONAL MEETING IN FORENSIC SCIENCES

Dr. Allan McNie is currently polling the membership of various  
organizations to determine if there will be a sufficient number  
of scientists and guests attending the 6th International Meeting  
of Forensic Sciences for a charter flight from the Bay Area to  
London.

Would all CAC members interested in a charter flight please contact  
Robert Cravey immediately so that he may get the total number of  
seats CAC will require to Dr. McNie.

Time is of the essence since any participants in a charter flight  
would, of necessity, have to register for the meeting at least  
six months prior to the departure date.