

California Association of Criminalists

POST OFFICE BOX 22015
SACRAMENTO, CALIFORNIA 95822
OFFICE OF



OFFICERS 1971-1972

PRESIDENT
ANTHONY LONGHETTI
SAN BERNARDINO COUNTY
SHERIFF'S OFFICE
CRIMINALISTICS LABORATORY
P.O. BOX 569
SAN BERNARDINO, CALIFORNIA 92403

NEWSLETTER

June 1972

PRESIDENT-ELECT
DUAYNE J. DILLON
OFFICE OF THE SHERIFF-CORONER
CONTRA COSTA COUNTY
CRIMINALISTICS LABORATORY
P.O. BOX 391
MARTINEZ, CALIFORNIA 94553

Dear Members:

134 minus 6, plus 27.....equals 155 members
in the California Association of Criminalists
as of this date.

RECORDING SECRETARY
ROBERT H. CRAVEY
DEPARTMENT OF THE SHERIFF-CORONER
TOXICOLOGY LABORATORY, ROOM 220
P.O. BOX 449
550 N. FLOWER STREET
SANTA ANA, CALIFORNIA 92702

Contrast this with the total of 79 members
listed in the December, 1967, roster and you
have an almost 100% increase in membership
in just over four years.

TREASURER
JOSEPH M. ORANTES
SAN DIEGO POLICE DEPARTMENT
CRIME LABORATORY
801 WEST MARKET STREET
SAN DIEGO, CALIFORNIA 92101

An obvious problem that comes with growth is
one of communications between the general
membership and those who were elected to con-
duct the business of the Association; i.e.,
the Board of Directors. That's where the
Regional Board of Directors come in.....
together with their principal vehicle for
information exchange, the monthly regional
meetings.

MEMBER-AT-LARGE
RICHARD F. SHAW
SAN DIEGO CORONER'S OFFICE
5555 OVERLAND AVENUE, BLDG. 14
SAN DIEGO, CALIFORNIA 92123

MEMBER-AT-LARGE
FRED H. WYNBRANDT
STATE BUREAU C.I.I.
P.O. BOX 1859
SACRAMENTO, CALIFORNIA 95809

IMMEDIATE PAST PRESIDENT
GEORGE W. ROCHE
DEPARTMENT OF POLICE SCIENCE
& ADMINISTRATION
SACRAMENTO STATE COLLEGE
6000 JAY STREET
SACRAMENTO, CALIFORNIA 95819

Throughout the coming year, make it a point
to communicate.....with Jerry Mitosinka in the
North and with Chuck Morton in the South.

MEMBERSHIP SECRETARY
W. JERRY CHISUM
STATE BUREAU C.I.I.
P.O. BOX 1859
SACRAMENTO, CALIFORNIA 95809

EDITORIAL SECRETARY
GERALD T. MITOSINKA
OFFICE OF THE SHERIFF-CORONER
CONTRA COSTA COUNTY
CRIMINALISTICS LABORATORY
P.O. BOX 391
MARTINEZ, CALIFORNIA 94553

(s) Anthony Longhetti
President

ASSOCIATION NEWS

JACK VILLAUDY

It is with great regret that the California Association of Criminalists has learned of the sudden death of one of its members, Mr. Jack Villaudy. Mr. Villaudy had been a well known toxicologist in the Southern Section of the CAC for many years and presented several papers at the biannual meetings.

He served as a toxicologist for the Los Angeles County Medical Examiner-Coroner's Office for nearly fifteen years where he made many contributions in the field of toxicology. The most widely adopted of these is the pH distribution of barbiturates and subsequent reading of the third UV curve to determine long and short acting barbiturates.

Mr. Villaudy will be greatly missed by the members of the CAC and by his colleagues.

- Edward Thompson

RESULTS OF MANPOWER SURVEY: Jerry Chisum has announced that the Manpower Survey has been completed and has supplied the following data:

CRIME LABORATORIES

<u>County</u>	<u>Now</u>	<u>Open</u>	<u>Open 72-73</u>	<u>Other</u>
1. Alameda	8	0	1	2 Technician positions
2. Contra Costa	7	1	0	
3. Kern	3	0	1	
4. Los Angeles	26	0	0	
5. Orange	8	0	2	5 more possible - grants
6. Riverside	4	0	0	will be incorporated by State
7. Sacramento	6	0	1	
8. San Bernardino	8	0	0	1 PEP
9. San Diego	3	0	1	need 3 - more if regionalized

	<u>County</u>	<u>Now</u>	<u>Open</u>	<u>Open 72-73</u>	<u>Other</u>
10.	San Francisco	5	0	1	need 4 (4 PEP)
11.	San Mateo	3	0	0	need 1
	Santa Barbara	0	1	-	no lab as yet
12.	Santa Clara	7	0	1	need 4 additional
13.	Ventura	5	0	2	2 more by attrition
	<u>City</u>				
14.	El Cajon	1	0	0	
15.	Huntington Beach	1	0	0	
16.	Long Beach	2	0	1	72-73 not approved yet
17.	Los Angeles	20	0	5+6	5 are by attrition 6 more in unapproved budget
18.	Oakland	3	0	0	(1 PEP) need 1 drug chemist
19.	San Diego	6	1	1	(1 PEP) 3 tech. open 72-73
20.	Santa Ana	1	0	0	
21.	West Covina	1	0	0	Citrus Judicial District
	<u>State</u>				
22.	D.O.J., Bureau of Technical Services	12	0	25	15/year for 3 years
	Total.	140	3	41+6	

TOXICOLOGY LABORATORIES

	<u>Now</u>	<u>Other</u>
23. Los Angeles Co. Coroner		

	<u>Now</u>	<u>Other</u>
*Orange County Coroner	3	* not separate lab
*Sacramento Cor.	2	* not separate lab
24. San Diego Cor.	4 1/2	
25. San Mateo Cor.	3	

FEDERAL LABORATORIES

26. BNDD 14

27. Customs

- 27 established forensic labs (for government) in California
- 1 to be established this year in Santa Barbara County
- 2 to be established this year by State in Fresno County and Shasta County
-
- 30 labs by 1973 State to establish 3 more in areas where none exist by 1975.

There are approximately 180 professionals employed in the Forensic Sciences in the State of California. By 1975 this number will increase to more than 250 forensic scientists employed in laboratories devoted to criminal justice.

CHANGE OF ADDRESS, JOURNAL OF FORENSIC SCIENCES. CAC members are reminded that address corrections SHOULD NOT be sent to the CAC Editorial Secretary. Instead, send these corrections directly to the Secretary, The Forensic Science Society, 107 Fenchurch Street, London EC 3M 5JB, England, preferably with the address label from the Journal.

NEW CAC MEMBERS. New CAC members are reminded 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.

CRIMINALISTS WITH HAM RADIOS. S. S. Kind and Alan Curry have informed Jerry Mitosinka that they are interested in communicating with California Criminalists via "ham" radio. Those Criminalists who are interested should write directly to Dr. Kind.

TECHNICAL NOTES

THE GAS CHROMATOGRAPHIC DETERMINATION OF MORPHINE. The gas chromatographic determination of morphine as its heroin derivative as published by Wallace (Clin. Chem. Acta, 36:85-91, 1972) has been successfully employed by the Criminalistics Laboratory and the Toxicology Laboratory of the Orange County Sheriff-Coroner. The method was modified by using trifluoperazine as the internal standard and changing the derivatization volumes to 0.15 ml pyridine and 0.35 ml acetic anhydride. Fortified samples containing as little as 0.3 micrograms total morphine have been chromatographed. Blood samples (post mortem) containing 1-5 micrograms percent have been analyzed using 50 - 300 ml samples.

Morphine spots off TLC have been eluted and derivatized for GC by this procedure and, conversely, urine extracts have been derivatized directly and gas chromatographed, the residue then hydrolyzed with NH_3OH and thin-layer chromatographed as morphine.

(Procedure submitted by James White and Dwight Reed)

LEGISLATIVE NEWS

CALIFORNIA COUNCIL ON CRIMINAL JUSTICE. By an overwhelming vote (45 to 7) the Assembly approved a bill by Assemblyman Robert W. Crown (D-Alameda) to abolish the California Council on Criminal Justice, which is charged with distribution of federal anti-crime funds. Crown's measure would abolish the present Council and create a five-man board of full time professionals to be called the California Criminal Justice Board. (Information submitted by Robert Cooper)

(Editor's note: According to The Register, the bill is scheduled to be heard in the Senate Judiciary Committee the early part of July)

ANNOUNCEMENT OF POSITIONS AND APPLICANTS

Criminalist I or II. County of Orange.

Salary Range: Criminalist I. \$ 946 - \$1,179 per month
Criminalist II. \$1,246 - \$1,553 per month

Two positions will be open on 1 July, 1972, and may be filled at either level, I or II. Contact W. Jack Cadman, Chief Criminalist, for information as soon as possible as interviews are being conducted now.

Criminalist. County of Santa Barbara.

Salary: \$14,892 - \$18,096 annually. Applications are available at the County Personnel Office, 137 East Anapamu Street, Santa Barbara 93101.

Criminalist I and Criminalist II. California Department of Justice.

Salary Range: Criminalist I. \$ 973 - \$1,183*
Criminalist II. \$1,074 - \$1,305*

* George Puddy, Assistant Director, announced that a general increase above the salaries listed above is expected to become effective on 1 July, 1972.

Apply: California State Personnel Board, Sacramento, Los Angeles, or San Francisco.

Supervising Criminalist, Contra Costa County.

Salary Range: \$1,212 - \$1,474 *

* This salary may have been increased since the notice was received.

Apply: Contra Costa County Employment Office
651 Pine Street, Martinez, 94553

NEW BOOKS AND SELECTED REFERENCES

Journal of Chromatographic Science, May, 1972. Special Issue - Analysis of Drugs of Abuse. Single price copy \$5.00. Preston Technical Abstracts Co. Post Office Box 312, Niles, Ill. 60648

Actions of Alcohol, vol. I and Vol. 2, Henrik Wallgren & Herbert Barry III, Else vier Publishing Co., NY. \$67.20 pp.

Hallucinogenic Drugs, F. Christine Brown, Charles C. Thomas Co., 1972, 154 pages

Clinical Toxicology, C. H. Thienes & T. J. Haley, 5th ed., 1972, Lea and Febiger

Drugs, Society, and Human Behavior, Oakley S. Ray, 1972, 299 pages (paper bound) C. V. Mosby Co., St. Louis.

(The above list of new reference books was furnished by W. Jack Cadman).

ANNOUNCEMENT OF STATE, NATIONAL, AND INTERNATIONAL MEETINGS

CALIFORNIA ASSOCIATION OF TOXICOLOGISTS. San Jose. 29 July, 1972. Contact Bryan Finkle for information. The program for the meeting will be the use of GC/MS in forensic toxicology.

CALIFORNIA ASSOCIATION OF CRIMINALISTS. 19-21 October, 1972. Mansion Inn, 16th and H Sts., Sacramento. Contact: Allan Gilmore, Seminar Chairman, Laboratory of Criminalistics, Office of the District Attorney, Sacramento.

SIXTH INTERNATIONAL MEETING IN FORENSIC SCIENCES. Edinburgh, Scotland. September 21-26, 1972. Contact: T. K. Marshall, M.D., Institute of Pathology, Grosvenor Road, Belfast, Northern Ireland.

AMERICAN ACADEMY OF FORENSIC SCIENCES. 19-23 February, 1973. Las Vegas, Nevada, Hilton International Hotel. Bryan Finkle, Program Chairman, has announced that the program for the toxicology section is now complete. However, Ted Elzerman, Chairman of the Criminalistics Section, is still accepting papers. Any criminalist who wishes to give a paper in the Criminalistics Section meeting should contact Ted Elzerman and Bryan Finkle as soon as possible and give them the title of the paper and the names of the authors. Abstracts must be submitted to Bryan Finkle no later than 30 September, 1972, otherwise the paper will not be accepted for presentation.

It has been a pleasure serving you this past year. As you know, Miss Jan Bashinski, our Recording Secretary, now has the responsibility of publishing the CAC Newsletter along with numerous other official responsibilities. This is no easy task without the help of the members. The Newsletter should serve an important function, that of disseminating information to all members. How successful the Newsletter is in carrying out this function depends on the members. Please send any and all information of interest to Miss Bashinski.

- Robert Cravey