

California Association of Criminalists

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NEWSLETTER

April 1972

Dear Members:

The most significant and far-reaching change in the recently amended by-laws is the establishment of an Ethics Committee and the definition of its duties. Also included is a description of the procedure that must be followed when claims are made regarding unprofessional conduct on the part of a member.

Please note that a member may be suspended or expelled for unethical conduct, conduct detrimental to the profession of criminalistics or conduct detrimental to the welfare of the Association. Also note that the charges may be brought by any member or non-member.

Following recommendations received from each member of the Board of Directors, I've made the following appointments to the Ethics Committee:

George W. Roche:	3-year term
Alfred A. Biasotti:	2-year term
James M. White:	1-year term

An Ethics Committee that is viable and not afraid to perform its mission can serve the Association both in regard to its "professional responsibilities" and its "traditional efforts."

(s) Anthony Longhetti
President

ASSOCIATION NEWS

REPORT OF THE NOMINATING COMMITTEE: William Smith, Chairman of the Nominating Committee, reports that the committee has selected the following candidates:

Past President	Anthony Longhetti
President	Duayne Dillon
President Elect	Fred Wynbrandt
Secretary	Jan Bashinski
Treasurer	James White
Regional Director (North)	Gerald Mitosinka
Regional Director (South)	Charles Morton

PROVISIONAL MEMBERS: Provisional members are again reminded that the By-Laws state 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 time period. The Membership Secretary has submitted the names of the following members who have not met the requirements for promotion during their three-year tenure: Barrett Fitzgerald, Arthur Schaffer, Frankie Frank, Donald Thorpe, Ralph Schoonover, James Montgomery, Reed McLaughlin, Thomas Perazella, Terry Coddington, Dorothy Northey, Peter Deforest, Charles Smith, Carole Emery, James Warner.

Provisional members are reminded that change in the class of membership shall be based upon consideration of the member's efforts and attainments in the field of forensic science, his attendance at seminars, and his participation in the activities of the Association, which shall include the presentation of at least one professional paper at a regular seminar.

HUNTINGTON BEACH LABORATORY OF CRIMINALISTICS: The City of Huntington Beach, California, has recently established a crime laboratory. CAC member, Ken Goddard, formerly of the San Bernardino County Laboratory of Criminalistics, will head the operation.

AMENDMENTS TO THE BY-LAWS: The amendments to the By-Laws were adopted by a vote of 73 to 4. A copy of the By-Laws and the Code of Ethics have been sent to each member of the Association.

COMMITTEE E-30 ON FORENSIC SCIENCES: President Longhetti urges all CAC members to become active in the work of Committee E-30 on Forensic Sciences by writing to Mr. H. J. Stremba, ASTM Headquarters, 1916 Race Street, Philadelphia, PA 19103, for an application. The President requests that the application be filled out and returned to Mr. Stremba without delay. Committee E-30 consists of seven sub-committees which cover all disciplines within the field of criminalistics.

STATE BLOOD ALCOHOL CERTIFICATION PROGRAM: President Longhetti has announced that Dr. Daniel R. Morales of the State Department of Public Health will speak to CAC members on the evening of May 18, 1972, at the semiannual CAC meeting in Ventura. Dr. Morales will discuss primarily the recent evaluation of breath instruments by the Department.

RESOLUTION: L. B. Miller, Public Health Liaison, will present the following resolution at the general business meeting in Ventura:

Whereas, the California Association of Criminalists is recognized as a professional non-profit association whose objects and purposes are in part, to encourage the compilation of experience data of value in the field of criminalistics and to encourage the use of improved testing procedures and methods of presentation of conclusions, and

Whereas, the California Association of Criminalists has had a direct interest in the field of forensic alcohol analyses since the Association's inception 9 years ago and was the first Association to render a concerted effort towards the certification of forensic alcohol analysts and to set scientific criteria for accuracy and precision for forensic alcohol analyses including breath alcohol testing devices, and

Whereas, said members are considered by their contemporary scientists to be experts in matters dealing with forensic alcohol analyses, and

Whereas, said expertise in forensic alcohol analyses has included membership of Association members on international committees dealing with forensic alcohol matters for the past 25 years, and

Whereas, the evaluation of breath alcohol testing devices is considered as coming within the purview of forensic alcohol analyses, and

Whereas, the members of the California Association of Criminalists have carefully scrutinized the study and evaluation of breath alcohol instruments by the California State Department of Public Health and in their concerted opinion, as experts in the field of forensic alcohol analyses, find in this study and evaluation to be scientifically sound, now

Therefore, let it be resolved that the California Association of Criminalists publicly proclaims, following a careful evaluation, the validity of the findings of the California State Department of

Public Health pursuant to its study and approval of breath alcohol testing instruments for use in the State of California, and that the California Association of Criminalists fully supports the continued efforts of the California State Department of Public Health in the forensic alcohol field.

PEOPLE v. POHLE: (Crim. No. 4460, Fourth Dist. Div. One, Sept. 17, 1971). Defendant was convicted of possession of marijuana. There was evidence that the defendant had possessed a sufficient quantity to make at least one cigarette. Defendant contended that there was no evidence of quantity of the active components of marijuana sufficient to produce a narcotic effect. (Superior Court of San Diego County, No. 21581). The Court of Appeal affirmed the conviction. The Court held that although a showing of possession of a usable quantity of marijuana was required to support the defendant's conviction, it was not necessary to show possession of such an amount of the active components as would be sufficient to produce a narcotic effect. The Court further noted that if based upon possession of seeds, the seeds must be in sufficient quantity and, presumably, condition for planting; if based on other parts of the plant, such as leaves and stems, the marijuana must be in quantity sufficient to use in smoking. (Submitted by Duayne J. Dillon and John E. Murdock).

Note: John Murdock submits the following information obtained from a professor of botany in Contra Costa County: The seeds can be considered to have germinated when the root stalk (a white bump) breaks through the seed coat. The next structure to appear is the stem. The seed or leaf cotyledons appear on the stem to nourish the plant until the true leaves form, usually within 10 days. The seed cotyledons then dry and fall off. A genetic problem would cause an absence of a stem even though a root formed. This is not to be expected, however, and so far as Crime Lab purposes are concerned the root formation appears to be sufficient criteria for viability. In the Contra Costa Laboratory of Criminalistics the technique used is to place the seeds between layers of wet filter paper and put into a petri dish (covered). Leave at room temperature until the root breaks through the seed coat, which is usually within a day or so.

NYLON POST BINDERS: Charles Wilson suggests the use of Nylon Post Hanger Binders for binding CAC Newsletters. These come in assorted colors and are quite inexpensive. The Recording Secretary will have the brochure and price list available at the Spring Seminar for those members who are interested.

TECHNICAL NOTES

TLC SEPARATION OF HEROIN AND ACETYLCODEINE

Silica Gel plates

Solvent system: Ethyl ether: Acetone: Ammonia (100:20:0.8)

Approximate Rf:

Heroin 0.3

Acetylcodeine 0.4

(In this system morphine has an Rf of 0.05, codeine 0.1, and 6-monoacetylmorphine 0.25)

The method was submitted by James White, Criminalist, Orange County Laboratory of Criminalistics.

LEGISLATIVE NEWS

AB-400. Introduced by Assemblymen Campbell and Moretti. This legislation pertains to the Drug Abuse Treatment Act of 1972. (Submitted by Richard Shaw)

AB-1114. Proposed legislation sets up rules and regulations governing laboratories engaged in the performance of urine tests for methadone.

AB-565. Proposed legislation to authorize licensed vocational nurses to draw blood for alcohol testing at the request of a peace officer.

ANNOUNCEMENT OF POSITIONS AND APPLICANTS

Positions Open:

Criminalist. County of Santa Barbara.

Salary: \$14,892 - \$18,096

Apply: Santa Barbara County Personnel Department, 137 East Anapamu Street, Santa Barbara, CA 93101 (805) 966-1611, Ext. 331.

Criminalist I or II. County of Orange.

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

Two positions will be open on 1 July, 1972, and may be filled at either level, I or II. Applications are now being accepted. According to W. Jack Cadman, Chief Criminalist, an exceptionally well qualified candidate may start above the entry step of the salary range.

Apply: County of Orange, Personnel Department, 625 North Ross,
Santa Ana, CA 92701.

EDUCATION AND TRAINING COURSES

COURSE IN FORENSIC HEMATOLOGY: Gerald Mitosinka has announced that arrangements have been made to present a course entitled MODERN TECHNIQUES FOR CHARACTERIZING DRIED BLOODSTAINS by the University of California Extension, Berkeley. The instructors will be Bryan Culliford of the Metropolitan Police Laboratory, London, England, and G. T. Mitosinka of the Contra Costa County Laboratory of Criminalistics, Martinez, California. The class is scheduled for September 22, 23, and 24, 1972. Tuition, which is \$100.00, will be reimbursed by a federal grant for those individuals who are employed by a law enforcement agency.

Enrollment in the class may be limited; therefore, if you are interested, contact Gerald T. Mitosinka immediately.

SUMMER SEMINAR AT THE INSTITUTE OF FORENSIC SCIENCES: Dr. George S. Loquvam, director of the Institute of Forensic Sciences, Oakland, California, has announced plans to initiate a seminar program commencing with Alcohol and the Impaired Driver - Blood, Breath, and Urine. An announcement will be sent to members of the CAC when a final date is determined.

Microscopy in the Crime Laboratory, May 15-19, Chicago.
Given by McRone Research. Cost \$275.00. Contact: Mrs. Miriam L. Follert, McCrone Research Institute, 451 E. 31st Street, Chicago 60616 (information submitted by Robert Cranston).

The following eight courses are being offered by Georgetown University:

Florescence and Phosphorescence in Forensic Analysis.
July 10-22, 1972.
Forensic Document Microscopy. July 17-21.
Forensic Analysis of Writing Inks. July 24-28.
Forensic Microscopy of Human and Animal Hairs.
July 24-28.
Forensic Optical Microscopy. July 24-August 4.
Forensic Analysis of Ethyl Alcohol. July 31-August 4.
Forensic Microscopy of Synthetic and Cellulosic Fibers.
July 31-August 4.
Forensic Microscopic Analysis of Inorganic Ions.
August 7-August 18.

For further information on these courses contact: J. M. English, Forensic Science Center, 9 Reiss Science Building, Georgetown University, Washington, D.C. 20007 (information submitted by Robert Cranston).

ANNOUNCEMENT OF STATE, NATIONAL, AND INTERNATIONAL MEETINGS

Northern California CAC Monthly Meetings. On 24 March, the Northern CAC members met at the Holiday Inn in San Jose. More than 60 members were present including a number of Southern California members. Mr. George Puddy spoke to the group on the Statewide Criminalistics Laboratory System.

The next meeting will be on 21 April at the San Ramon Inn. The program following dinner will be a tour of MB Associates. The June meeting is scheduled for June 16 at The Shadows in San Mateo. The guest speakers will be Mr. Shopeck and Mr. Carson of Alcohol, Tobacco, and Firearms Division of the Internal Revenue Service. They will discuss bomb scene investigations.

Southern California CAC Monthly Meetings. On 31 March, Southern Members met at Swalleys in Los Angeles. Dr. J. Thomas Ungerleider, Professor of Psychiatry at the UCLA Center for Health Services, addressed the group. The professor gave a brief talk concerning his role on the Presidential Committee on Drug Abuse and answered questions from the audience for more than an hour.

On 14 April, the CAC met at Camarillo where they were addressed by Lee E. Cooper, Jr., Judge of the Municipal Court, Ventura County. His subject was "The Breathalyzer - To Hitch or Not to Hitch." Judge Cooper recently made a decision that all sample ampules would be retained in Ventura County cases.

The next monthly meeting will be held on 9 June in San Diego. Time and place to be announced.

CALIFORNIA ASSOCIATION OF CRIMINALISTICS. 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.

The Fall Seminar will be at the Mansion Inn, 16th and H, Sacramento. The date is 19-21 October, 1972. The Seminar Chairman is Allan Gilmore, 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.

Information concerning a charter flight from New York City to the meeting may be obtained from The Chief Medical Examiner for the City of New York. Plans to obtain a charter flight from San Francisco failed to materialize due to lack of interest according to Mr. Alan McNie.

NEW ADDRESSES OF MEMBERS

<u>NAME & TITLE</u>	<u>AGENCY ADDRESS</u>	<u>HOME ADDRESS</u>
Barnett, Peter D. Criminalist	*P.O. Box 7083 Berkeley, CA 94707 (415) 549-3182	
Burd, David Q. Criminalist	*Sacramento County Crime Laboratory 4400 V Street Sacramento, CA 95817 (916) 454-5704	
Chisum, W. J. Criminalist	*Stanford Research Institute Room A 292 333 Ravenswood Avenue Menlo Park, CA 94025 (415) 326-6200	5062 Abbotford Ct. Newark, CA 94560 (415) 797-7050
DeForest, Peter R. Criminalist - Assistant Professor		16 Bryant Street Hartsdale, NY 10530 (914) 428-1902
Eckstein, Robert C. Criminalist	*Valley Toxicology Laboratory 207 D Street Davis, CA 95616 (916) 756-6660	801 Jay Street Davis, CA 95616
Elzerman, Theodore P. Crime Laboratory Supervisor		140 Markev Street New Lenox, IL 60451
Goddard, Kenneth W. Criminalist	*Huntington Beach Police Department Crime Laboratory P. O. Box 70 Huntington Beach, CA 92648 (714) 536-5311	16887-D Nichols Street Huntington Beach, CA 92648 (714) 842-6114
Granado, Joseph M. Criminalist	*FBI 1916 Stout, No. 18218 Denver, CO 80202 (303) 222-5981	1615 Jellison Street Lakewood, CO 80226 (303) 986-0612
Grunbaum, Benjamin W. Research Biochemist	*Environmental Physiology Laboratory 2251 College Avenue University of California Berkeley, CA 94720 (415) 642-0260	112 Turk Drive Moraga, CA 94556 (415) 376-6819

*referred mailing address.

Hall, Charles R.
Chemist-Agent

*System Management Associates, Inc.
P. O. Box 957
Palo Alto, CA 94302
(415) 493-2826

Jee, Arlen W.
Regional Criminalistics Advisor

11665 Mediterranean Ct.
Reston, VA 22070

McLaughlin, A. Reed
Document Examiner-
Consultant

*Route 3, Box 1010
Roseburg, OR 97470
(503) 672-3951

Siegel, Arnold W.
Engineering Director

*Trauma Research Group
15137 Valley Vista Boulevard
Sherman Oaks, CA 91403
(213) 783-1888

Villaudy, Jack
Toxicologist

939 North Mariposa
No. 118
Los Angeles, CA 90029

*Preferred mailing address.

NEW BOOKS AND SELECTED REFERENCES

HOW TO EXAMINE A CHEMIST IN DRUG ABUSE CASES, Basil Travnikoff and Robert J. Kvick. 44 pages, \$5.00 per copy (paperback). Available from: P.O. Box 503, Carmichael, CA 95608.

Principles of Activation Analysis, Paul Kruger, Wiley-Interscience.

Progress in Separation and Purification, vol. 4, E. S. Perry & C. J. Van Oss, Wiley-Interscience.

World Index of Plastics Standards, U. S. Department of Commerce, Superintendent of Documents, Washington, D.C. \$5.50 per copy.

Radiation Safety in X-Ray Diffraction and Spectroscopy, U. S. Department of Health, Education and Welfare, Superintendent of Documents, Washington, D.C. \$2.00 per copy.

Interpretation of Infrared Spectra, N. B. Colthup, American Chemical Society (ACS Audio Course). Five cassettes and instruction manual, \$60.00. Additional instruction manuals available.

Encyclopedia of Industrial Chemical Analysis, vol. 15, Interscience Publishers. (p.290-300 - Excellent review of properties and methods of analysis of LSD).

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