



# NEWSLETTER

## California Association of Criminalists

# NEWSLETTER

JULY, 1974

*Rec'd  
October 9*

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PLEASE DIRECT CORRESPONDENCE  
TO THE APPROPRIATE OFFICER

### I. FALL 1974 SEMINAR

All members should have received the following letter from John Thornton and George Sensabaugh, the co-chairmen of the fall seminar:

The Fall 1974 Seminar of the California Association of Criminalists will be held at the Claremont Hotel in Berkeley on October 24, 25 and 26, 1974. Reservation forms and further information will be mailed to you at a later date. At this time, we urge you to contact us by mail if you desire to present a paper at this Seminar. As you are aware, at the Spring 1974 Seminar at Long Beach, the membership adopted a new policy regarding papers to be presented at Seminars. A detailed abstract of the paper must be in the hands of the Seminar Chairman 60 days before the Seminar. In this case the final date for submission of the abstract will be August 24, 1974. The Seminar Chairman and the Editorial Secretary will screen the abstracts using the criteria of level of preparation of the work, level of interest the material will have for the membership, and originality. Papers of all levels will be accepted, but will be sorted into three categories: 1) short technical notes, 2) original research, and 3) review papers -- with differing amounts of time allowed for each. The Seminar Committee is obligated to be flexible and will avoid stifling a free expression of professional opinion, but will insist on a minimum level of preparation and technical significance. Since the abstract is the only mechanism available to the Seminar Committee to assess certain of these factors, it is essential that the abstract be sufficiently detailed to convey the essence of the proposed paper. Please do not delay -- advise us of any presentations you desire to make.

Abstracts should have been submitted or should be on their way by the time you receive this newsletter. Another interesting and informative seminar appears to be well on its way. John and George look forward to seeing as many members in attendance as can break away from the mundane everyday problems of their laboratories.

### II. ANNOUNCEMENTS

- A. Regional Director-North, Dorothy Northey, announces the following meeting for the Northern Section:

August 23, 1974 - Hosted by Contra Costa County  
A tour of the Analytical Labs at CRC Laboratory (Standard Oil Co.) from 3-5 P.M., will be followed by dinner and discussion.



Last minute changes have altered original plans, and future Northern Section schedules will be made available at a later date.

- B. Regional Director-South, Richard Bingle, has arranged the following tentative schedule of meetings in the Southern Section:

August 23, 1974 - Hosted by the Riverside D.O.J. Laboratory in Claremont.

September 20, 1974 - Hosted by the Los Angeles County Sheriff's Laboratory.

October, 1974 - No regional meeting due to Semi-Annual Seminar in Berkeley.

November 15, 1974 - Hosted by Ventura County Criminalistics Laboratory, in Thousand Oaks.

December 20, 1974 - L.A.P.D. Criminalistics Laboratory to host, probably at the Academy.

January 17, 1975 - Hosted by Orange County Criminalistics Laboratory.

- C. "The Flight of the Burd" - retirement dinner for David Burd, held July 12 at Carmichael, was attended by over 75 people including members from both the Southern and Northern Sections. Several of Dave's contemporaries related anecdotes from his exploits as a student and as a criminalist. The gathered group presented him with a 10 speed bicycle to ensure that his will not be a shiftless retirement. A post-retirement trip abroad, followed by some private consulting assures that his retirement will be an active one. I would not even be too surprised to see Dave raising a question or two at a Regional Meeting or Seminar.
- D. George Sensabaugh indicates that formal announcements of the "Third Annual U.C. Berkeley Extension Workshop in Forensic Sciences" will be sent out soon. The topic this year is Forensic Geology in Soil and is to be presented by J.C.F. Tedrow of Rutgers University, December 12 & 13, 1974.
- E. Larry Ragle has submitted information on the National Criminal Justice Reference Service. The following is from a letter he received:

"...members of the Association may also wish to participate. All NCJRS services are without charge to the users...All members of the law enforcement-criminal justice community are eligible to become registered users. Once recorded in our file, each individual receives selected abstracts as they are found relevant to his interest profile. Mailings are made twice monthly. Searches of our data base may be requested at any time to procure a list of abstracts on a topic or problem area specified by the requester.

NCJRS does maintain a collection of US and other English language journals. However, your questions about foreign literature are timely since NCJRS is initiating an international collection and exchange program. Journals and reports are to be abstracted, primarily from Western European languages. A field operation is being formed at the United Nations Social Defense Research Institute at Rome to expand our acquisition and abstracting capabilities. NCJRS has entered subscriptions to about 100 foreign journals. A limited number of full text translations will be made; a larger number will be condensed in English. When translations are available, they will be announced to registered users through our regular selective notification service. The selection of articles for translation will be made by NCJRS or at the UN office in Rome. Recommendations from specialists might prove useful, but a translation service upon request is not contemplated. Selections must clearly be of a nature that would be useful to a relatively large audience."

Registration forms and further details may be obtained from: U.S. Department of Justice, Law Enforcement Assistance Administration, National Criminal Justice Reference Service, Washington, D.C. 20530.



### III. PROFESSIONAL MEETINGS AND TRAINING PROGRAMS

#### A. Future Meetings

1. Symposium on Educational and Scientific Progress in Forensic Science  
American Chemical Society 168th National Meeting, Atlantic City, New Jersey,  
September 9th and 10th, 1974

##### Program:

Monday Morning, G. Davies, Presiding

- 9:00 Introduction
- 9:10 Forensic Science Education - A Perspective, R.F. Turner
- 9:40 Educators in Forensic Science: The Men in the Middle, W.W. McGee
- 10:20 An Introductory Forensic Science Course in a Law Enforcement Program,  
R. Saferstein
- 10:50 Graduate Education and Research in Forensic Chemistry, B.L. Karger
- 11:30 LEAA's Forensic Science Research Program, J.L. Peterson

Monday Afternoon, G. Davies, Presiding

- 2:00 The Applications of Materials Science Methods to Forensic Problems,  
G.C. Giessen, D. Polk
- 2:30 Forensic Applications of the Scanning Electron Microscope, G. Judd,  
J. Sabo, S. Ferris
- 3:00 Recent Developments in Bullet Search Systems, A. Johnson
- 3:30 Progress in Firearm Residue Detection, E. Rudzitis, M. Wahlgren
- 4:00 Gunshot Residue: Neutron Activation Analysis and Atomic Absorption  
Spectrophotometry...A Comparison, W.D. Kinard, D.R. Lundy
- 4:30 Recovery and Identification of Residues of Flammable Liquids from  
Suspected Arson Debris, C.E. Yates, Jr.

Tuesday Morning, G. Davies, Presiding

- 9:00 Forensic Applications of Differential Scanning Calorimetry, J.H. Hall,  
B. Cassel
- 9:30 Ink Analysis - A Weapon Against Crime and in the Detection of Fraud,  
R.L. Brunelle, A.A. Cantu
- 10:00 Forensic Bloodstain and Physiological Fluid Analysis, R.C. Shaler,  
W.C. Stuver
- 10:30 Effect of Environmental Factors on Starch Gel Electrophoretic  
Patterns of Human Erythrocyte Acid Phosphatase, C.G. McWright, J.J.  
Kearney, J.L. Mudd
- 11:00 A Comparison of Heroin Samples, S.P. Sobol, A.R. Sperling
- 11:30 Tissue Concentrations of Morphine in Opiate Related Deaths, L.A. Dal  
Cortivo, M. Cefola
- 12:00 New Applications of Luminescence Techniques in Forensic Chemistry,  
Peter F. Jones

2. Joint Meeting to be held on Friday 20th and Saturday 21st September, 1974  
at Stranmillis College of Education, Belfast of The Forensic Science Society  
and The Association of Police Surgeons of Great Britain (Northern Ireland  
Branch on Forensic Aspects of the Northern Ireland Situation.

#### B. Past Meetings and Programs

1. Program of the Mid-Atlantic Association of Forensic Scientists, Third Annual  
Meeting, Spring, 1974, April 26-27, 1974, Arlington-Rosslyn Holiday Inn,  
Arlington, Virginia

Charles L. Killion and Dr. Charles O'Rear, Bureau of Forensic Sciences,  
Merrifield, Va. (Killion) and Richmond, Va. (O'Rear) - "A New State Crime  
Laboratory - Considerations of Organization and Management".

Philip A. White, Bureau of ATF, Washington, D.C. - "Who Needs A Document  
Examiner?"

Francis J. Cross and R. Phillip Harker, FBI, Washington, D.C. - "Codes and  
Ciphers in Criminal Cases and Gambling Matters".



Peter Marone, Allegheny County Crime Lab, Pittsburgh, Pa., - "Recent Advances in Dried Blood Analysis."

Dr. Robert Shaler, et-al, Allegheny County Crime Lab, Pittsburgh, Pa., and Greensburg State Police, Greensburg, Pa., "Identification of Tolazoline in Illicit Seizure - Thoughts on Theoretical Drug Analysis."

Franklin D. Cehrs and Norman C. Law, Suburban Hospital, Bethesda, Md., "Four Years of Drug Identification by Gas Chromatography/Mass Spectrometry."

Dr. Albert H. Tillson, Drug Enforcement Administration, McLean, Va., "DEA's Identification of Drug Tablet and Capsule Evidence as to Source."

Lt. James Sagans, Pennsylvania State Police, Harrisburg, Pa., and Dr. K.K.S. Pillay, Pennsylvania State University, University Park, Pa., "Gunshot Residue Collection Using Film Lift."

Guest Speaker, Professor James E. Starrs, National Law Center, George Washington University, Washington, D.C., "Probability in Law and Science."

Dr. Peter F. Jones, A.R. Calloway and Dr. Seymour Siegel, Aerospace Corporation, El Segundo, Calif., "Luminescence Properties of Hair."

Dr. Jessie Hall, Perkin-Elmer Corp., Atlanta, Ga., "Forensic Applications of Scanning Calorimetry."

Meeting coordinators: Dr. Antonio H. Cantu (Bureau of ATF) and Mr. Bell P. Herndon (FBI).

2. Seminar on Paper and Its Analysis for Document Examiners, Director William C. Krueger. A seminar to assist document examiners to understand the nature of paper and the selection and interpretation of modern analytical techniques as applied to paper. Continuing Education Center, The Institute of Paper Chemistry, Appleton, Wisconsin, August 13-15, 1974.

Although members may not be able to take advantage of this program this year, those interested may want to get on the mailing list for future offerings. The fee was \$300, with meals and lodging an additional \$85 for the duration of the program. Enrollment was limited to 28 people.

Information on future programs can be obtained from: T.A. Howells, Director, of Continuing Education, The Institute of Paper Chemistry, Appleton, Wisconsin, 54911. Telephone (414) 734-9251.

If any member attended the seminar this year, a short note for inclusion in the next newsletter would be helpful to other members who may consider attending the next time it is offered. Other offerings this year from the Institute of Paper Chemistry are:

- Eleventh Paper Evaluation Course, April 22-26, 1974
- Thirtieth Fiber Microscopy Course, July 8-19, 1974
- Twelfth Conference on Chemicals and Paper, July 22-26, 1974
- Analysis of Specks and Deposits, August 6-8, 1974
- Surface Chemistry in the Paper Industry, September 9-13, 1974
- Paper and Fiber Physics, September 23-27, 1974
- Paper Conference for Printers, October 28-31, 1974
- Recovery of Pulping Chemicals, November 4-8, 1974

#### IV. EMPLOYMENT OPPORTUNITIES AND PEOPLE LOOKING FOR THEM

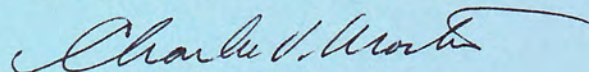
- A. Dr. Peter Jones, The Aerospace Corporation, has job openings in Forensic Science Research. Anyone with a Bachelor's or Master's degree should contact Dr. Jones at (213) 648-6597. Mail enquiries to: Dr. Peter F. Jones, The Aerospace Corporation, Building 130, Room 110, P.O. Box 92957, El Segundo, Ca. 90009.



- B. The City of San Mateo is accepting applications for Criminalist. Salary: \$964-\$1011-\$1058-\$1109. Filing deadline : 5:00 P.M., Wednesday, September 4, 1974. Applications must be in the Personnel Office, City Hall, 330 West 20th Avenue, San Mateo, Ca. 94403, by the deadline. Phone (415) 574-6705. Under direction, the Criminalist performs technical police photography, fingerprint work, scientific investigation of crime scenes, searches, and associated laboratory analyses; and does related work as required. The vacancy will be filled immediately following completion of this examination.
- C. For those of you who speak French, Charles Leister, now with the Government of Zaire, indicates that a position in a new criminalistics/toxicology/pathology laboratory could develop if the right person made inquiries. His address is: Presidence de la Republique (AKU), B.P. 9841, Kinshasa 1, Republique du Zaire.
- D. Dr. D.W. Jones, M.D., Sierra Laboratories, Inc., has a position for a criminalist-toxicologist. Contact him at (916) 885-7948, or at 188 College Way, Auburn, Ca. 95603.
- E. Mr. Terry Crone is interested in a position in the Los Angeles area starting in the Fall of 1974. He has over 4 years of general criminalistics experience in the Department of Public Safety Laboratories in Texas. Contact Charles Morton at California State University, Los Angeles, for further information.
- F. Mr. David A. Keller, 1607 Nash Avenue, Pittsburgh, Pa. 15235, has completed the Master's program in Forensic Chemistry at the University of Pittsburgh and is looking for a position in a laboratory in California.

#### V. ASSOCIATION BUSINESS

- A. A proxy form is included at the end of this newsletter in case you are unable to attend the October 25, 1974 business meeting during the Fall Seminar.
- B. A change of address form is included for your convenience, also at the end of this newsletter. If your address has changed since the 1973-74 roster or if you know someone who has not been getting either the Regional or Organization mailings, please submit an up-dated address. If you move during the year, it would be helpful if you would submit one of these forms so you will encounter no delay in receiving mailings. With the size of the organization growing as it has been, the past few years and with many of you (us) moving to new jobs, the Recording Secretary needs your help in keeping the roster up-to-date. Make sure these changes are sent to the Recording Secretary, NOT TO THE OLD POST OFFICE BOX IN SACRAMENTO. See page 6 for change of address and proxy forms.



Charles V. Morton  
Recording Secretary

Note: Effective October 1, 1974 my new address will be as follows:

Recording Secretary  
Charles V. Morton  
Institute of Forensic Sciences  
2945 Webster Street  
Oakland, CA 94609



I hereby authorize \_\_\_\_\_  
to exercise my proxy at the Fall 1974 Business Meeting of the California  
Association of Criminalists on October 25, 1974.

Date \_\_\_\_\_

(Proxies must be submitted to the Recording Secretary prior to, or at the  
beginning of the Business Meeting).

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Change of Address Form

Name \_\_\_\_\_

\* Business Address

\* Home Address

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Effective date of change \_\_\_\_\_

\* Please check box of address which is to be your preferred mailing address.

PLEASE RETAIN THIS FORM FOR FUTURE ADDRESS CORRECTIONS IF YOUR PRESENT  
ADDRESSES ARE CORRECT.