



NEWLETTER California Association of Criminalists NEWLETTER

September 1978

NEWS AND COMMENT

1. Ethics- A Message from the President

On May 12, 1978, the CAC membership expelled one of its members for violations of the Code of Ethics. This was the first time the CAC has taken such drastic action.

The past charges have been few. Of those I can recall, two were unresolved, two resigned, and two had reprimands. One of the unresolved was being charged with additional charges when he resigned. That resignation and the continued questionable conduct of the individual involved has been of considerable concern to those of us who attempt to adhere to a standard of conduct.

The policy for handling ethics violations has been published and should be read by every member. The charged individual will no longer be able to resign membership rather than face charges.

For years, the legal profession has been telling us we should clean house; the prostitutes and incompetents should be gleaned from our midst. We have started, and we will continue, until membership in the CAC becomes synonymous with honesty and integrity.

2. Contained in this Mailing

This mailing contains three important items.

First, there is an up-to-date copy of the by-laws incorporating several proposed revisions. It should be read carefully; the vote on ratification is scheduled for the October Seminar.

Second, the pink sheet is a proxy form. Members not planning to attend the October Seminar should make sure they are represented by proxy. A quorum must be established to conduct business at the business meeting.

Third, there is a summary of the fifth meeting of the National Certification Study Committee. Certification is an important issue and all CAC members should try to stay abreast of the situation.

3. Fall 1978 Semi-Annual Seminar

The fall seminar will be held October 12, 13, and 14 at the Dunfey Hotel in San Mateo. It is being hosted by the San Mateo County Sheriff's Lab and Paul Dougherty is the seminar chairman. The preliminary announcements and call for papers have been sent out.

The Saturday program will be on the Microscopy of Hair by Morris S. Clark of the F.B.I. Laboratory. Mr. Clark is the individual who organized the Hair Course currently being taught at the F.B.I. Academy. This should be a very informative presentation which will give a new perspective on hair problems.

An ethics charge is slated to be heard at this seminar. As usual, a short business meeting will be convened at 4:30 PM, Thursday, 12 October at which the charges will be presented. Documentation pertaining to the charge will be made available for member review on Thursday evening. Formal discussion and disposition will be at the regular Friday afternoon business meeting, 13 October.

4. New Newsletter Policy

This is the first Newsletter prepared by the Editorial Secretary. The responsibility for the Newsletter has been shifted for two reasons: (a) to help reduce the burden of labor on the Secretary and (b) to implement the dictates of the ad hoc Journal Committee that the Newsletter expand its scope.

The ad hoc Journal Committee has been reconstituted as an editorial staff to provide assistance in this endeavor.

The new Newsletter will be issued quarterly according to the following tentative schedule.

<u>Issue</u>	<u>Deadline for Material</u>	<u>Mail Deadline</u>	<u>Abstracts</u>
March	1 March	1 April	
June	1 June	1 July	X
September	15 August	1 September	
December	1 December	1 January	X

In addition to the standard Newsletter material, we will try to include reports from study groups, news from other associations, correspondence, technical notes, and articles. The latter two items will make or break the Newsletter and we encourage everybody to submit whatever they can.

5. Committee Assignments for 1978-1979

<u>Long Range Planning</u>	<u>Public Health</u>	<u>Public Relations</u>
B. Parker, Ch.	L. Miller, Ch.	A. Moses, Ch.
P. Barnett	M. Blake	M. Ng
M. Potts	L. Gima	B. Armstrong
T. Fickies	T. Valentine	
R. Cranston		
M. Kuo		
<u>Nominating</u>	<u>Awards</u>	<u>Ethics</u>
J. Rynearson, Ch.	K. Holmes, Ch.	J. Murdock, Ch.
J. Brackett	S. Dorrance	J. Thornton
E. Bell	W. Burgess	A. Longhetti
R. Kuick		
S. O'Clair		

<u>Professional Liason</u>		<u>Certification</u>	<u>Training and Resources</u>
C. Morton, Ch.	AAFS	R. Ogle, Ch.	J. White, Ch.
J. Thornton	FSF	J. Bashinski	G. Harmor
J. Provost	SAFS	B. Fisher	W. Sharp
T. Elzerman	MWAFS	E. Blake	P. Kalish
A. Principe	IACP	R. Schorr	L. Maucieri
P. DeForrest	NEAFS	C. Young	
J. Hamby	AFTE	E. Rhodes	
R. Sager	NWAFS		
J. Orantes	CMA		
J. DeHann	IAFS		
S. McJunkins	ASCLD		
<u>By-Laws Revision</u>		<u>Education</u>	<u>Seminar Chairmen</u>
R. Stettler, Ch.		G. Roche, Ch.	Fall P. Dougherty
F. Fitzpatrick		P. Cashman	Spring R. Ekhaml
D. Mauzey		J. Thornton	
<u>Editorial Staff</u>		<u>Historical</u>	<u>Nominating</u>
G. Sensabaugh, Ed. Sec.		Not filled.	Will be constituted after the
L. Ragle			Fall Seminar.
K. Goddard			
A. Boudreau			
W. Birkby			
M. Kalchak			
J. Cockerham			

6. Author Information for Journal of Forensic Science Society

The Forensic Science Society has recently hired an editorial assistant to help with the production of the Journal. R. Stockdale, the Editor, has assured us that this will greatly facilitate publication rates. We should be thus encouraged to submit papers to the Journal; it is, after all, our Journal and we have a stake in its success. Author information is included in this mailing.

NEWS FROM OTHER ASSOCIATIONS

1. Possible Course in Forensic Aspects of Paper Chemistry

(from Tony Cantu, Mid-Atlantic Association of Forensic Scientists)

Some years ago the Institute of Paper Chemistry offered a course in the area of Paper Analysis for Document Examiners. This was found to be too technical for a person without some formal chemical training and so the next time it was offered, no interest was shown and it was subsequently dropped. Since that time criminalists and questioned document examiners, who have overlapping interests in the chemical and physical aspects of documents, have increased in number. Consequently, the interest in paper analysis from a technical or semi-technical viewpoint has also increased.

The Institute of Paper Chemistry may offer a course in forensic paper analysis only if the interest is there, sufficient persons are willing to register for the course, and the Institute approves. I believe they require

15 students and tuition may run as much as \$500.00 depending on the length of the course which may be from 3 to 5 days.

The course, if it is offered, may be different than the one they offered originally. My understanding is that the Institute has developed a concept known as Behavioral Analysis of Paper which involves the chemical and physical response of paper to simple chemical tests for significant components in paper. Such a concept appears to be a distillate of the vast area of paper analysis custom made for forensic scientists. The new course, if it is offered, may take the direction of this concept.

Those of you, like myself, who are interested in taking such a course should contact the Institute. The person who offered the original course was:

Mr. William C. Krueger
Research Fellow
The Institute of Paper Chemistry
P.O. Box 1039
Appleton, Wisconsin 54911
(414) 734-9251

STUDY GROUP NEWS

1. Southern Section Serology Group (Gary Siglar)

At the July meeting, Pat Zajac and Stephen Schliebe made presentations on cellulose acetate membrane electrophoresis and starch gel electrophoresis. The meeting was informative and well received by all in attendance. The group concluded that it would be beneficial to conduct a blind test program on bloodstains to compare both methodologies. A committee consisting of Brandon Armstrong, Tina Chan, and Faye Springer has outlined a testing format which consists of submitting 3 bloodstain samples each month to Steve and Pat; this program will continue over several months.

The topic of the August meeting was the criminalistic significance of urine, feces, tears, perspiration, and ear wax; the discussion leader on this topic was Bill Casper.

The September meeting will take up ABO typing; a proficiency sample will be handed out.

The group is preparing a bibliography of serology source material; Jim White is in charge of this project and would appreciate input.

2. Northern Section Serology Group (George Sensabaugh)

The topic discussed at the June meeting was certification in serology. Jan Bashinski, the CAC representative to the national certification group, reviewed the current situation.

The July meeting was given over to a discussion of logistics in the handling of serological evidence: how to get evidence technicians to do the right thing, priorities in evidence analysis, etc.

Some concern was expressed about the time and place of the meetings; it was felt that Saturday morning meetings at Berkeley might be diminishing the participation of those with weekend commitments and those from outside the Bay Area. In August, a survey was made of all labs in the Northern section relating to these questions. There were 33 individual responses. Most indicated that a change to a weekday evening would be preferred but were relatively ambivalent about meeting sites. Tentatively the serology group will start meeting on the evening of the second Tuesday of each month, beginning 12 September.

3. Northern Section Firearms Study Group (John Murdock)

The July and August meetings have addressed criteria for identification and elimination in the analysis of firearms and toolmark evidence. The discussions were felt to be very productive in outlining problems areas. The group has undertaken a project to study the difference between matches and non-matches. A series of photos will be collected to illustrate (a) minimal requirements of a definite match and (b) best matches possible of patterns from known non-identical sources.

Al Biasotti reviewed current progress of the AFTE peer group on certification.

The next meeting will be 22 September at Martinez. Elliott Byall will discuss selected case studies and will comment on problems relating to evidence submission to ATF.

4. Southern Section Firearms Group (John Davidson)

Early in the summer, members of the group were given replicate bullet samples to measure various class characteristics; the object of this exercise was to find out how much measurement variation would show up.

The next meeting is scheduled for 12 September at Cal State Los Angeles; the topic is identification processes.

UPCOMING MEETINGS

1. CAC Spring 1979 Semi-Annual Seminar

The 53rd Semi-Annual Seminar will be hosted by the San Diego County Laboratory of Criminalistics. Bob Ekhaml is seminar chairman.

2. SEM - X ray Fluorescence Use in Forensic Science

A seminar on the application of the scanning electron microscope and associated X ray fluorescence analyzers to forensic science is being planned for the SEM/79 conference to be held in Washington, D.C. on April 16-20, 1979.

The seminar will cover techniques and applications which forensic scientists have found useful. We also plan to have a discussion period where electron-excited vs. X ray-excited X ray fluorescence will be compared. As you know both techniques have been used routinely; hopefully this meeting will bring out the relative benefits of the two types of instrumentation.

The high standards maintained by previous SEM meetings will be adhered to. A written abstract is required by October 25th and a written paper has to be submitted for review. Please contact Dr. Victor Matricardi about your

interest or questions or suggestions at the FBI Laboratory (202) 324-2982 or at home (703) 765-8147.

EMPLOYMENT INFORMATION

1. Position Open. Illinois Dept. of Law Enforcement, Bureau of Scientific Services.

Job Description: Responsible for supervising a forensic science training and application laboratory unit within a full service laboratory.

Title: Forensic Scientist IV: salary range \$17,280 to \$23,400 per year. Starting salary negotiable, based on experience.

Qualifications: Requires degree in Forensic Science, Chemistry, Biological Science, or related science. Requires ability to supervise and manage. Master's Degree preferred.

Inquire: Bruce W. VanderKolk, Bureau Chief
Bureau of Scientific Services
107 Armory Building
Springfield, Illinois 62706

2. Position Open. Eugene Oregon Police Dept.

Job Description: Crime Lab Technician, a non-sworn position reporting to the laboratory supervisor.

Title: Crime Lab Technician: current salary range is \$1,246 to \$1,591 per month based on education and experience. Excellent fringe benefits.

Qualifications: Applicants should possess Criminalistics/Forensic Science or Chemistry/General Science degree and practical field experience. Persons applying should possess knowledge and experience in the following areas: physical evidence, crime scene processing, and photography.

Inquire: Request applications or send complete resume to:
Personnel Department
City of Eugene
750 Willamette Street
Eugene, Oregon 97401

3. Job Wanted - Judith Ann Macechko

Education: MS, Forensic Chemistry, Univ. of Pittsburgh, Aug. 1978
BS, Chemistry, Notre Dame College of Ohio, May 1975
MS Candidate, Analytical Chemistry, Indiana Univ. of Penn.

Experience: Intern, Pittsburgh and Allegheny County Crime Laboratory (Drug analysis, Serology).
Lecturer, Chemistry Dept., LaRoche College
Teaching Assistantships: Indiana Univ. of Penn. and Univ. of Pittsburgh

Address: 5702 Northumberland Street
Pittsburgh, Pennsylvania 15217
(412) 521-2842

4. Job Wanted - Susan Cowan

Education: MS, Forensic Chemistry, Univ. of Pittsburgh, Aug. 1978
BS, Chemistry, Bucknell Univ.

Experience: Internship, Pittsburgh and Allegheny County Crime
Laboratory (Trace, Drugs, Toxicology, Serology)

Address: 838 Farragut Street
Pittsburgh, Pennsylvania 15206 (412) 665-1145

5. Job Wanted - Martha J. Humphrey

Education: MS, Forensic Chemistry, Northeastern Univ., Dec. 1977
BS, Criminal Justice, Northeastern Univ., Sept. 1975

Experience: Internship, ATF (Instrumental Analysis)

Address: 340 Lincoln Street
New Britain, Connecticut 06052
(203) 224-1036

6. Job Wanted - Joan Gallo

Education: MS, Forensic Science, George Washington Univ., May 1978
BS, Biology, Univ. San Francisco, 1976

Experience: Internship, U.S. Secret Service (Document Examination)

Address: 1133 - 24th Street, N.W. Apt. 2
Washington, D.C. 20037
(202) 965-4235