



NEWLETTER California Association of Criminalists NEWLETTER

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April 1987

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Also included with this mailing:

1. Announcement of IAFS Meeting
2. List of candidates for membership and elevation of membership status
3. Letter and questionnaire from the Forensic Science Students Organization
4. ASCLD - Guidelines for Forensic Laboratory Management Practices
5. Statements of candidates for CAC Board of Directors

EDITORIAL

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Is criminalistics a profession? We call ourselves "a profession and scientific discipline," but do we have the hallmarks of a profession? Are criminalists merely highly paid police technicians, or are they scientists with objectivity and resourcefulness? Are we criminalists merely because our employer chooses to call us that? We have a literature, but we have no uniform educational requirements. We have technical seminars, but we have no uniform employment requirements. We have a vocabulary, but we have no uniform descriptive language for much of what we do. We have some of the hallmarks of a profession, but not all.

One of the hallmarks of a profession is self-evaluation and self-regulation. For the last year the Board of Directors has been working on the development of a program for the certification of criminalists. With the appointment of a certification committee, chaired by Greg Matheson, the Association is beginning to see certification become a reality.

Certification has been hotly debated throughout the criminalistics pro-

fession for a number of years. Certification is not a panacea. It will not guarantee good criminalistics; but is one a number of steps which we must take to meet our responsibility to the public, and to answer challenges from attorneys and courts who are less and less willing to accept the fact of a person's employment as proof of the person's competence.

The certification procedure developed by the CAC is essentially one of peer review: People will be certified when they can demonstrate that they know what their peers judge they should know to be a certified criminalist. The Certification Committee's timetable (see Greg Matheson's report in this Newsletter) calls for a certification examination in approximately one year. The Board of Examiners elections will be held at the business meeting at the upcoming seminar in Reno. All members are urged to attend this meeting so that the election of the Board of Examiners can have the widest possible base. The Board and the Certification Committee will afford every opportunity for members to contribute to the development of the certification procedure.

CONFERENCES AND SEMINARS

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COMBINED MEETING - SPRING SEMINAR
CALIFORNIA ASSOCIATION OF CRIMINALISTS-
NORTHWEST ASSOCIATION OF
FORENSIC SCIENTISTS

May 13-17, 1987

The Spring, 1987, semi-annual seminar of the CAC and the NWAFFS spring meeting will be a joint meeting to be held May 13-17 in Reno, Nevada. The meeting will be preceded on May 11-12 by a workshop on processing clandestine laboratories hosted by the Drug Enforcement Administration. For further information, contact Capt. Enrico Togneri, Washoe County Sheriff's Office, Forensic Science Division, P.O. Box 2915, Reno NV 89505. (702) 785-6211

AFTE - EIGHTEENTH ANNUAL SEMINAR

June 14 - 19, 1987

The 18th Annual Seminar of the Association of Firearms and Toolmark Examiners will be held in Seattle Washington. For further information, contact Frank R. Lee or Mike Grubb, Washington State Patrol Crime Laboratory, Public Safety Building, Seattle WA 98104.

ELECTROPHORESIS SOCIETY-AMERICAS' BRANCH ANNUAL MEETING

June 23-26, 1987

The annual meeting of the Americas' Branch of the Electrophoresis Society will be held in San Francisco, CA, June 23-26, 1987. Call for papers on electrophoresis and applications. Plenary Sessions include: Nucleic Acids, Immunodetection, Forensics, Electroporation and cell fusion, Clinical diagnosis, and agriculture. For further information, contact Electrophoresis Society, P.O. Box 956, Mt. Pleasant SC 29464.

INTERNATIONAL ASSOCIATION OF FORENSIC
TOXICOLOGISTS

July 1987

The 8th Triennial meeting will be held in Banff, Alberta, Canada. For further information, contact N. Dunnett, Home Office Forensic Science Laboratory, Aldermaston, Berkshire, RG7 4PN, UK.

INTERNATIONAL ASSOCIATION OF FORENSIC
SCIENCES

August 2 - 7, 1987

Vancouver, British Columbia, Canada. Contact International Association of Forensic Sciences, 801-750 Jervis Street, Vancouver, B.C., Canada V6E 2A9. 604-681-5226.

THE THIRD INTERNATIONAL MEETING OF THE
PAN AMERICAN ASSOCIATION OF FORENSIC
SCIENCES

August 10-14, 1987.

The conference will be held at the Holiday Inn Plaza, Wichita, KS. For further information, contact Dr. William G. Eckert, P.O. Box 8282, Wichita KS 67208.

THE FIRST WORLD MEETING OF POLICE
SURGEONS AND MEDICAL OFFICERS

August 10-14, 1986

The purpose of this conference, meeting concurrently with the Pan American Association of Forensic Sciences, is to discuss and compare the medical aspects of law enforcement and policing in various countries of the world.

CALIFORNIA ASSOCIATION OF CRIMINALISTS-
FALL SEMINAR

October, 1987

The Fall, 1987, semi-annual seminar of the CAC will be held in Laguna Beach, CA.

40TH ANNUAL MEETING OF THE AMERICAN
ACADEMY OF FORENSIC SCIENCES

February 15-20, 1988.

This conference will be held at the Wyndham Franklin Plaza, Philadelphia, PA. Contact AAFS, 225 South Academy Blvd., Colorado Springs, CO, 80910. (303) 596-6006.

41ST ANNUAL MEETING OF THE AMERICAN
ACADEMY OF FORENSIC SCIENCES

February 20-25, 1989.

This conference will be held at the Riviera Hotel, Los Vegas, NV. Contact AAFS, 225 South Academy Blvd., Colorado

ANNOUNCEMENTS

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SWAFS Journal Available

The SWAFS Journal (Southwestern Association of Forensic Scientists) is published bi-annually in March and September. Subscriptions are available at an annual fee of \$10.00. Checks should be made payable to "SWAFS Journal" and remit to the Editor, 600 N. Leona Street, San Antonio TX 78207.

Course AnnouncementTests for BAC in Highway Safety Programs
Supervision and Expert Testimony

This course is sponsored by the Center for Studies of Law in Action, Indiana University. The dates are May 10 - 15, 1987. Tuition of \$750.00 includes all materials, but does not include room and board. For further information, contact Kathryn Holmes, Contra Costa County Laboratory, 729 Castro Street, Martinez CA 94553. (415) 372-2962.

Forensic Science Students Organization

The students at the University of California at Berkeley would like to introduce the Forensic Science Student Organization. The goals of the FSSO are many. The main objective is to develop a closer relationship with the professionals in the field. Some of the ways that we are doing this is by having guest speakers talk to the group, establish internships with Crime Laboratories and inform the students of the happenings of the CAC. A questionnaire is included with this newsletter. Please take a few minutes and return to ques-

tionnaire. It would be beneficial to both the students and the laboratories to have the questionnaire filled out and returned. If there are any questions please contact, Jennifer Super-Mihalovich, Coordinator, Forensic Science Student Organization, School of Public Health, University of California, Berkeley CA 94720.

Analytical techniques course

A course titled "Analytical techniques in Forensic Science" will be taught at Cal State - Fullerton. The course will be taught on consecutive Monday evenings from April 20 through May 18. One of the instructors will be Terri Beam, formerly of the Orange County Sheriff's Office Criminalistics Laboratory. For further information, contact the Office of Extended Education, California State University - Fullerton, Fullerton CA 92634.

TIELINE Available

Thanks to the cooperation of the California State Department of Justice, the CAC now has available for distribution to members a limited number of each issue to TIELINE, DOJ's quarterly publication. These can be made available, on a first-come, first-serve basis to members who might find them useful for training purposes and who otherwise do not have access to them. Contact the Editor for further information.

JOB OPENINGS

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(Job openings are obtained from a variety of sources. Given publication deadlines and delay in receiving announcements from other parts of the country, some of the openings announced here may be filled by the time this Newsletter is received. Job announcements will normally be run only one time. Members actively seeking employment are encouraged to contact the editorial secretary for information about openings which become available between newsletters.)

ASSISTANT CRIMINALIST/CRIMINALIST

The San Diego Police Department has openings at both the criminalist and assistant criminalist levels. The Assistant Criminalist position requires a BS degree in Criminalistics or Forensic Science, or a B.S. degree in a physical or biological science and one year of experience as a criminalist or in a toxicology laboratory. The Criminalist position requires two years of experience. Contact City of San Diego, City Administration Building Lobby, Employment Information Counter, 202 C Street, San Diego CA 92101. (619) 236-5753.

FORENSIC CHEMIST/CRIMINALIST

The Bexar County Medical examiner's Office/Regional Crime Laboratory has an opening for a diversified position within the laboratory, particularly in the area of narcotics, serology and trace evidence analysis. Minimum requirements are a Bachelor's degree in Chemistry, Biology or a related field, with preference to someone with experience in a forensic laboratory. Contact the Bexar County Civil Service Commission, 410 S. Main Street, Suite 207A, San Antonio TX 78205. (512) 220-2688.

FORENSIC CHEMIST II, III, IV

The Maryland State Police announces job openings in the above positions. The basic requirements for all positions include a Bachelor's Degree in chemis-

try, forensic science, biology or other physical science including at least 24 semester hours in chemistry and/or biology. The Level II positions requires one year of experience, the level III positions requires three years of experience and the level IV position requires six years experience in forensic science. For additional information contact Maryland State Police, Personnel Management Division, 1201 Reisterstown Road, Pikesville MD 21208. (301) 653-4349.

FORENSIC CHEMIST

The Montgomery County, Maryland, Department of Police has openings for an individual with a Bachelor's Degree in Chemistry or a related field and 2 years of experience in the chemical analysis of controlled dangerous substances, or an equivalent combination of education and experience. Contact Richard P. Gervasoni, Montgomery County, Department of Police, Crime Laboratory Section, 1451 seven Locks Road, Rockville MD 20850.

CRIMINALIST I

The City of Phoenix, Arizona, has an opening for a person with a Bachelor's Degree in Chemistry, Criminalistics, or a related field, or an equivalent combi-

(con't on page 6)

(Jobs, continued from page 5)

nation of work and experience. Duties include analysis of drugs and narcotics, blood alcohol testing and training of police officers in the use of breath alcohol equipment. Salary \$24,128 - \$32,490. Contact City of Phoenix, Personnel Department, 300 W. Washington, Phoenix AZ 85003.

CRIMINALIST II

The City of Phoenix has an opening for an individual with a Bachelor's Degree in Chemistry, Criminalistics or a rela-

ted field, and 3 years experience in a criminalistics laboratory. Requires journeyman experience in forensic serology and at least one of the following areas: toxicology, arson investigation, polarized light microscopy, firearms and tool mark identification, hair and fiber identification, general comparative analysis, technical macrophotography and x-ray techniques. Salary \$29,370 - \$39,728. Contact City of Phoenix, Personnel Department, 300 W. Washington, Phoenix AZ 85003.

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CALIFORNIA ASSOCIATION OF CRIME LABORATORY DIRECTORS

Meeting of November 13 & 14, 1986

Reported by

Eston Schwecke

Regional Director - South

The following is a synopsis of the topics covered during the two day meeting at Reno:

LOW BUDGET COMPUTERIZATION (Togneri-
Washoe County Sheriff's)

In house programs were written for reports and work done on blood alcohols, narcotics and some other basic cases. Basic worksheets then produce certain report form results.

CRIMINALISTICS LABORATORY NARCOTIC ANAL-
YSIS REQUEST (Topneri)

A modem system for communication with DA's office gives file for drug chemist to look at to see which cases are needed. The only cases done automatically are "buys" or "subpoenas". DA's are to give 7-10 days notice.

STATISTICAL SYSTEM (Togneri)

Statistics are kept by the same system described above. The statistics are kept by agency, type of crime and time spent.

PER DIEM POSITIONS (Kuo-Orange County
Sheriff's)

As an alternative to lab technicians, per diem positions provide help at a position lower than criminalist. Salary is base salary only, with no benefits, no holidays. The benefit to county is approximately half the cost of a senior Criminalist. The benefit for the manager is that these positions are non-budgeted and can be requested any time

(con't on page 7)

(CACLD Meeting, con't from page 6)

during the fiscal year. There is no need for recruitment, background investigations are waived, and the employee retains the title of Criminalist. These people are restricted to tasks that require minimal training. They need not work 40 hours per week. These positions could also be used to evaluate people for possible full time positions.

WORKERS RIGHT TO KNOW (Holmes-Contra Costa County)

We have established hazard communications program including a training protocol with policies and procedures. The program includes material safety data sheets (MSDS), an inventory, labeled containers including secondary containers, and a written program including training. Some vendors have these programs available. MSDS can be in sections by job category. The whole program may not be necessary for chemists but it is probably necessary to train those with no background.

GALAXIE AIR DISASTER (Le Blanc-Fire Dept.; Chief Vogler-W.C.S.O.; McCarty W.C. Coroner)

Approximately 68 people died in an air crash which was used as an example of interagency response and the Incident Command System. Operations, plans and actual interworkings of the incident were shown.

THE FIXED AND PORTABLE LASER PROGRAM OF CSQ (Kuo)

A fixed Spectra Physics Argon Ion Laser and a portable YAG laser transported in a van are available. The entire program was described. A program has been started to search for latent prints on dead bodies and has not been successful.

HOT TOPICS

Randy Kraft Case - "Freeway Killer" (Kuo) Orange County DA's Office would

not release evidence for defense analysis so Orange County Sheriff's Office was ordered to provide space in their lab for the defense analysis. A "Master Criminalist" was hired to watch over the exam.

DATA SYSTEMS (Rynearson-DOJ)

Terminology necessary for computer literacy was presented. Knowledge of various types of terminology is necessary for both office and lab computers.

Some networking could be achieved. The possibility exists for automatic crime scene sketch. Other possibilities include graphics, video imaging, budget, stats, and time sheets.

SAFETY GRANT PROPOSAL (Rynearson-DOJ)

The proposal was rejected by NIJ reviewers. The reviewers indicated the answers were available and need not be funded. Reviewers also indicated that there was not sufficient detail in the proposal. DOJ will continue to pursue.

CONGRESS OF CRIMINALISTS-SEROLOGY SYMPOSIUM (Helsley-DOJ)

The COC is scheduled for Sacramento on April 22-24. DOJ is trying to get POST funding. There is an attempt to get lawyers involved; however, in initial contact there was no desire expressed.

CALIFORNIA CRIMINALISTICS INSTITUTE (Helsley-DOJ)

A User Advisory Board has been established. A survey will be sent out to determine the needs of labs within the state. Cecil Hider will be in charge of CCI and intends to visit many of the labs within the state to help determine needs.

(con't on page 8)

CLANDESTINE LABS (Sager-DEA)

analyzed. It was stated that the FBI has the same policy. The Center for Disease Control is supposed to be sending additional information.

BUSINESS MEETING

Margaret Kuo (OSCO) was elected Treasurer.
There may be a combined CAC/CACLD Meeting in Fall '87 if it can be arranged.
Next CACLD Meeting: March 12,13-LAPD, Kestler.

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[illegible]

MARCH 2, 1987

order to allow maximum input from the profession at large, the By-laws also require that proposed changes be published in the Crime Lab Digest at least thirty days prior to the vote of the Delegate Assembly. We are also asking the various forensic association newsletters to publish these proposals so they may receive the widest circulation within our profession.

The ASSLD-LAB is now proposing the first substantive changes in the Accreditation Manual. The text of the proposed changes is attached. The proposals are based on experience gleaned through the process of laboratory in-

Page 8

(Accreditation, con't from page 8)

spectations and on suggestions from the accredited laboratories themselves. For further information, or to express your opinion on these proposals, contact the ASCLD-LAB or any member of the Delegate Assembly.

ASCLD-LAB

Thomas J. Nasser, Chairman

Jan S. Bashinski, Executive Secretary

PROPOSED CHANGE REGARDING NON-COMPLIANCE WITH STANDARDS

The Accreditation Manual is silent on the subject of what action, if any, can be taken by the ASCLD-LAB if an accredited laboratory fails to comply with the Standards once it has been accredited. The situation could arise where a laboratory failed to follow through with compliance in an area required by the Board as a condition of its original accreditation. To clarify this point, the ASCLD-LAB proposes to add the following paragraph to the Accreditation Manual:

Amendment to page 9, Accreditation Time Length, paragraph 2:

It is expected that a laboratory will continue to meet the Standards under which it was accredited for the five year duration of the accreditation period. Substantive allegation of non-compliance regarding an accredited laboratory will be addressed by the Board of a case-by-case basis. Demonstrated persistent non-compliance with an Essential Standard may be grounds for withdrawal of accreditation by the Board.

PROPOSED CHANGE REGARDING PROFICIENCY TESTING REQUIREMENTS

Most laboratory accreditation programs include mandatory proficiency testing of some sort. The ASCLD-LAB Standards mandate a series of proficiency tests as a part of the basic training

and qualification of each analyst. There is no requirement, however, for the continued testing of analysts to verify that their skill levels remain current. Furthermore, while internal and external proficiency tests are strongly recommended as a basic quality assurance measure, they are not currently mandatory. This compromises the strength of the accreditation program as a quality assurance tool.

The membership and the Board of Directors of ASCLD have recently gone on record as supporting the implementation of strong quality assurance programs in the nation's crime laboratories (see "ASCLD Guidelines for Forensic Laboratory Management Practices"). In view of the recognized product, the ASCLD-LAB proposes to strengthen its requirements regarding proficiency testing by making the following changes in the Accreditation Manual (changes are underlined):

Page 5:

QUALITY ASSESSMENT AND CONTROL

It is required that a crime laboratory participate in a program or combination of programs which include the following:

(1) Periodic case report and case note review done on an internal basis- This type of review assures that the examiners are following the laboratory's established procedures and that the findings are properly documented; and

(2) Proficiency testing (Internal and/or external) involving the use of blind and/or open samples the "true" results of which are unknown to the examiner prior to the analysis

(a) Open sample testing- this type of program measures the actual capability of a laboratory and its staff.

(con't on page 10)

(Accreditation, con't from page 9)

(b) Blind sample testing- this type of program is an excellent measure of the quality of the day-to-day case output.

(c) External testing- external programs serve as a check on "in-breeding" within a laboratory or laboratory system."

Page 23:

STANDARDS AND CRITERIA

14110 Each laboratory must have a program of proficiency testing which periodically measures the capability of its analysis and the reliability of its analytical results.

14111 DOES THE LABORATORY HAVE A PROGRAM OF PROFICIENCY TESTING WHICH MEASURES THE QUALITY OF ITS WORK PRODUCT? (E)"

* *

Existing Desirable Standard 14110 and Criterion 14111 re: external testing will be renumbered 14120 and 14122, respectively.

Existing Important Standard 14120 and Criterion 14122 re internal (intra-laboratory) testing will be renumbered 14130 and 14133, respectively.

The Remaining Standards and Criteria on pages 23 and 24 will also have to be renumbered to incorporate this change.

* * * * *

THE DELEGATE ASSEMBLY

The Delegate Assembly as of March 2, 1987, consists of the Directors of the following crime laboratories (listed in the order accredited):

ILLINOIS DEPARTMENT OF LAW ENFORCEMENT LABORATORIES

Springfield, IL
Morton, IL
Joliet, IL
Carbondale, IL
Maywood, IL
Rockford, IL
Fairview Heights, IL

ARIZONA DEPARTMENT OF PUBLIC SAFETY LABORATORIES

Phoenix, AZ
Tucson, AZ
Flagstaff, AZ

WASHINGTON STATE PATROL LABORATORIES

Seattle, WA
Tacoma, WA
Kelso, WA
Kennewick, WA
Everett, WA
Spokane, WA

OAKLAND POLICE DEPARTMENT LABORATORY

Oakland, CA

KANSAS CITY REGIONAL CRIME LABORATORY

Kansas City, MO

BURLINGTON COUNTY FORENSIC LABORATORY

Mt. Holly, NJ

(con't on page 11)

(Accredited labs - con't from page 10)

BUREAU OF ALCOHOL, TOBACCO, AND FIREARMS
LABORATORIES

Treasure Island, CA
Rockville, MD

MISSOURI STATE HIGHWAY PATROL
LABORATORIES

Jefferson City, MO
St. Joseph, MO
Macon, MO

UNIVERSITY OF TENNESSEE TOXICOLOGY AND
CHEMICAL PATHOLOGY LAB

Memphis, TN

MICHIGAN STATE POLICE LABORATORIES

Grand Rapids, MI
Bridgeport, MI
Northville, MI
Grayling, MI

USACIL-CONUS LABORATORY (US ARMY)

Forest Park (Fort Gillem), GA

OREGON STATE POLICE LABORATORIES

Bend, OR
Springfield, OR
Medford, OR
Coos Bay, OR
Ontario, OR
Pendleton, OR
Portland, OR

NORTH LOUISIANA CRIMINALISTICS
LABORATORIES

Shreveport, LA
West Monroe, LA
Alexandria, LA

TEXAS DEPARTMENT OF PUBLIC SAFETY
LABORATORIES

Austin, TX
Arlene, TX
Amarillo, TX
Corpus Christi, TX
Garland, TX
Houston, TX
Lubbock, TX
McAllen, TX
Waco, TX

ST. LOUIS POLICE DEPARTMENT

St. Louis, MO

REPORT ON CERTIFICATION

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Greg Matheson
Chairman
Certification Committee

The C.A.C. General Certification Program is presently in its development stage. The certification committee is working on incorporating the goals of certification into a workable procedure whereby a criminalist meeting the minimum requirements can test their under-

standing of our field and then receive a certificate that states that he or she is an accepted member of the criminalistics profession.

(con't on page 12)

(Certification, con't from page 11)

Certification of the General Criminalist by the C.A.C. was initiated to meet the following goals:

- o To show an appropriate level of understanding of the field of criminalistics, including a general familiarity with the field's capabilities, limitations and ethical responsibilities.
- o To allow the individual to know that he has reached that level of awareness of the field and can properly apply whatever specific procedures are required to complete a task, both technically and ethically.
- o To provide, for some solidification of the field of Criminalistics, a general acceptable professional umbrella: A program to bring qualified professionals together; A conduit by which people can be informed of the basics.
- o To provide a first step toward certification in a particular specialty.

Recertification is not specifically addressed in the current procedure. However, it is anticipated that it will involve a recertification application

which demonstrates sufficient professional involvement over the previous five years. No retesting is anticipated in most cases.

Fees for certification are unknown at this time. There is an anticipated fee advantage for C.A.C. Members.

The anticipated timeline for implementation is:

Spring 1987 Business meeting

- Present proposal to the membership with all available details
- Election of Board of Examination
- Elicit membership input

Fall 1987 Business meeting

- Present the final certification procedure, including costs, filing procedures, qualifications, etc.

Spring '88

- 1st Certification examination

Now is the time for your input so that the final Certification Procedure reflects the needs and the desires of our membership.

A Call for Nominations for the Certification Board of Examinations will be mailed shortly to all members.

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CERTIFICATION PROCEDURE CHANGES

At the Board of Directors Meeting held on March 19, 1987, several changes were made to the Certification procedure published in the October, 1986, Newsletter. These changes reflect proposals made by the Certification Committee and were approved by the Board. For the benefit of the membership, the entire certification proposal is reprinted below, with the recent changes shown by deletions and additions.

(con't on page 13)

(Certification, con't from Page 12)

PROCEDURE FOR CERTIFICATION

by the

CALIFORNIA ASSOCIATION OF CRIMINALISTS

Whereas, the application of the natural sciences to the examination of physical evidence and the interpretation of law-science matters is of fundamental importance to the administration of justice, and;

Whereas, the membership of the California Association of Criminalists has expressed a desire to develop a program for the Certification of Criminalists,

Be it, therefore, resolved that the California Association of Criminalists shall establish, as set forth below, a procedure for formally establishing a Certificate of Professional Competency to be granted to those individuals who meet the qualifications and requirements herein set forth:

Article I: ORGANIZATION

A. The President of the California Association of Criminalists (hereinafter referred to as the President) shall appoint, subject to the approval of the Board of Directors, a Committee (hereinafter called the Certification Committee) to be a standing committee of the Association

B. The Certification Committee shall consist of six members of the Association, serving three-year terms.

C. Certification Committee members can only be removed from the Committee by termination of membership under Article II, Section 6, paragraphs (a), (b) and (c) of the by-laws of the Association. Termination of Associa-

tion membership pursuant to those sections shall include termination of Certification Committee membership and the President shall, with the approval of the Board of Directors, appoint a new Certification Committee member to fill the vacated seat.

D. The Certification Committee shall have the general responsibility of administering the Certification program, in addition to those specific responsibilities designed in Articles II through VII, below.

E. Members of the Certification Committee and Board of Examiners shall serve without compensation, except for actual expenses.

F. The Certification Committee may, on its own initiative, or at the request of Board of Examiners, and with the approval of the Board of Directors, retain such professional, technical or clerical assistance as it deems necessary to perform its function as outlined below.

Article II: QUALIFICATIONS OF APPLICANTS FOR CERTIFICATION

A. All applicants shall be Members of the Association California Association of Criminalists, as defined in Article II, Section 1(a) and Article II, Section 2(a) of the by-laws of the California Association of Criminalists, or other regional forensic science association approved by the Board of Directors.

(con't on page 14)

(Certification Procedure -
con't from page 13)

B. Occupational Qualifications

1. All applicants shall be employed in a professional capacity in a laboratory primarily engaged in the examination of physical evidence and technical consultation for litigation purposes.
2. The applicant's principal activity must be (a) the examination of physical evidence, (b) interpretation of data, or (c) technical consultation.

C. Educational Qualifications & Experience

1. Applicants shall hold an earned baccalaureate or higher degree in a natural science from an accredited college or university.
2. In addition, all applicants shall have a minimum of 53 years experience pursuant to Article II, Section B, above, or equivalent experience acceptable to the Certification Committee.
3. The Certification Committee may, with the approval of the Board of Directors, establish such additional criteria for education and/or experience as they deem necessary.

D. The Certification Committee shall review the applicant's qualifications under Sections A, B and C above, and shall accept or reject the application for Certification based upon the criteria in these sections.

E. In the event the application for Certification is rejected, the Certification Committee shall provide the applicant with a written statement outlining the reason for such rejection.

F. If the application is accepted, the applicant thereby becomes a Candidate for the Certification Examination, pursuant to Article III., below.

Article III: CERTIFICATION EXAMINATION

A. Board of Examination: This Board shall be composed of a number of 6 members of the Association determined by the Certification Committee who meet the guidelines set forth in Article II.

1. Composition: The composition of the Board of Examination shall be determined as follows:

- a. Each member of the association may nominate no more than 3 Members for the Board of Examination. Such nominees shall not be from the member's current laboratory of employment.
- b. From the list of nominees a ballot shall be prepared which contains a number of nominees equal to twice the membership of the Board of Examination. These nominees will be selected based on the total number of nominations. In a secret ballot, each member shall vote for no more than 6 the total number of members on the Board of Examination. The Board of Examination shall be composed of those nominees with the most votes.
- c. The candidate receiving the most votes shall be named chairman. Subsequent seniority shall be based on the number of votes received.

(con't on page 15)

(Certification Procedure -
con't from page 14)

d. In June of each year the Board of Directors shall replace the most senior member of the Board of Examination by election from a list of three names submitted by the Certification Committee.

(1) For the first four years of its existence such replacement shall be made of the members with least seniority based on the original vote.

(2) Other vacancies on the Board of Examination shall be filled in the same manner.

2. Function: The function of the Board of Examination will be to define the level of competence to be certified and to devise the written examination necessary to measure that level of competence.

B. The certification examination shall include the following general subject areas:

1. The philosophical, conceptual, and scientific basis of Criminalistics.

2. Basic technical subjects of criminalistics.

3. Specific technical procedures.

4. Ethics

5. Those appropriate areas of Civil and Criminal Law

C. The examinations shall be given to applicants by the Board of Examination meeting at such locations and frequency dictated by applications for certification.

D. The Board of Examination shall score the test of each Candidate. Any

section of the test not scorable on a strictly objective basis shall be scored independently by at least three members of the Board of Examination.

E. The numerical results of each Candidate's examination shall be forwarded to the Certification Committee within 60 days of the administration of the examination.

F. Custody of the examinations shall be with the Board of Examination. The Board of Examination shall make available, under supervision of one of the members of the Board of Examiners, to any Candidate who fails to pass the examination, a copy of the examination, together with the Candidate's answers and scores on each section. The Candidate shall have 90 days from the time of notification of failure to review examination.

G. Six months after each test is given, the Board of Examination shall automatically destroy all tests, unless otherwise instructed by the Certification Committee.

H. Unsuccessful candidates may repeat the examination again at any time it is scheduled, provided all requirements of Article II, above, are still met.

I. The certification committee shall determine the frequency and manner of recertification.

ARTICLE IV: GRANTING OF CERTIFICATION

A. All applicants who successfully complete the requirements of Articles II and III above, will be issued an appropriate Certificate by the Certification Committee.

(con't on page 16)

(Certification Procedure -
con't from page 15)

Article V: APPEALS

- A. Any applicant whose application is rejected under Article II, above, has the right to appeal such rejection at the next meeting of the Certification Committee, which shall be no longer than six months after the date of such rejection. The applicant must present his appeal personally, together with any necessary documentation. If the appeal is rejected by the Certification Committee, the reasons for such rejection shall be provided in writing to the applicant.
- B. The applicant who fails to successfully complete the Certification

Examination may not appeal, unless a clerical error in the computation of the score has been made. Such appeal shall be made to the Certification Committee.

- C. All decisions of the Board of Examination and Certification Committee shall be considered as final.

Article VI: FEES

- A. The fees to be charged for application, examination and certification shall be set by the Certification Committee and approved by the Board of Directors.

CAC MERCHANDISE

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Show your colors (or colours) - at home, at work or at play. Be the first (and probably the only) person on your street to have one of these. Limited stocks on hand at CAC Seminars and by mail (via John De Haan ATF). Special order items and colors available on request. All CAC clothing items bear a specially embroidered emblem. These goodies are offered to you at cost, so you won't find a better deal.

The current offerings are listed here. If you would like to see a particular product offered, contact John DeHaan or Grady Goldman.

Sweatshirts- various colors (50/50 blend): \$10.00

Hats (one size fits all, mesh and foam, various colors with white: \$5.50

Mugs: Glazed ceramic mugs: \$4.50

Kerchiefs: Navy: \$7.00 (other colors on request)

Name Badges: Custom engraved (name & agency): \$5.00

Patches: CAC logo only, black-on-white: \$5.00

Golf Shirts (Hanes Cotton-Polyester, short sleeve): \$15.50 Available in: black burgundy, slate grey, ecru, navy, kelly green, red, yellow, light blue, silver and white

Tote bags (natural canvas tweed): \$9.00

(con't on page 17)

(FSA/FSF Stuff -
con't from page 16)

Sweaters (long-sleeve acrylic pull-
overs): \$17.50

Vest (sleeveless acrylic pullovers:
\$16.50

Sweaters or vests available in: black,
brown, burgundy, tan (camel), light
blue, red and navy. (100% Orlon avail-
able at extra cost)

Forensic Science Society

Ties: Embroidered FSS motif: \$6.50 (navy
brown, burgundy) Woven multiple
scale/microscope motif:
\$.500 (burgundy)

Plaques: \$20.00

Pin Badges: \$3.00

Books

Forensic Science Society:

Explosion Investigation, Yallop \$25.00

Measurement of Breath Alcohollll \$13.00

Science Against Crime, Kind/Overman

Bibliography on Ethyl Alcohol, Holley-
head \$25.00

World List of Laboratories \$20.00

Sources and Origins \$8.00

Eight Peak Index of MS \$65.00

Note that these prices are substantially
less than those directly offered by the
Forensic Science Society.

CAC:

Three Ring Binders: Blue & Grey with CAC
Logo: \$10.00

Complete By-Laws with Binder: \$20.00

Index to CAC Seminars - free to members,
\$10.00 to non-members.

CAC Abstracts (with index, in a three ring binder with the CAC
logo) - \$25.00 for members, \$50.00 for non-members