



NEWSLETTER

California Association of Criminalists

NEWSLETTER

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Also included with this mailing:

1. Minutes of the Business Meeting, May 16, 1986
2. Minutes of the Board of Directors Meeting, May 13, 1987
3. Minutes of the Business Meeting, May 15, 1987
4. Minutes of the Board of Directors Meeting, May 18, 1988
5. Minutes of the Business Meeting, May 20, 1988
6. Minutes of the Transitional Board of Directors Meeting, May 20, 1988
7. Minutes of the Board of Directors Meeting, July 25, 1988
8. American Society of Crime Laboratory Directors' Questionnaire
9. CAC Membership Roster (sent to members only)

CONFERENCES AND SEMINARS

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 Springs, CO, 80910. (303) 596-6006.

SOUTHERN ASSOCIATION OF FORENSIC SCIENTISTS

May 4-6, 1989

The Spring, 1989, SAFS meeting will be held at the Radisson Plaza Hotel, Raleigh, North Carolina. The theme for this meeting will be "Scanning Electron Microscopy in Forensic Science." For further information, contact Lt. R.S. White, WV State Police Laboratory, 725 Jefferson Road, South Charleston WV 25309. (304) 746-2181.

NORTHWEST ASSOCIATION OF FORENSIC SCIENTISTS - SPRING MEETING

(date to be announced)

The Spring, 1989, NWAFS meeting will be hosted by the Federal Forensic Wildlife Laboratory in Ashland Oregon.

INTERNATIONAL SOCIETY FOR FORENSIC HEMOGENETICS

October 18 - 20, 1989

The 13th International Congress of the International Society for Forensic Hemogenetics will be held in New Orleans, LA, from October 18 through 20, 1989. For further information, contact Dr. Herbert Polesky, Memorial Blood Bank Center Minneapolis, 2304 Park Avenue South, Minneapolis MN 55404.

PAN AMERICAN ASSOCIATION OF FORENSIC SCIENCES

November 1989

The Fourth International Meeting of the Pan American Association of Forensic Sciences will be held in Bogota, Columbia. The theme of the meeting is "The Sciences and Justice." For further information, contact Dr. Egon Lichtenberge, Carrera 11 A 96-26, Bogota, Columbia.

FSI Subscriptions

Individual subscriptions to Forensic Science International are available at the discount rate of \$90.00 per year through the CAC. If you are interested in a subscription to Forensic Science International, send a check for CAC Treasurer Dan Gregonis, San Bernardino County Sheriff's Office, P.O. Box 1557, San Bernardino CA 92402. Current subscribers through the CAC should be contacted about their renewal in September. If you do not receive a renewal notice from the CAC, contact Dan.

JOB OPENINGS

(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.)

SENIOR FORENSIC CHEMIST

The Naval Investigative Service Regional Forensic Laboratory, San Diego, has an opening for a Senior Forensic Chemist. This position requires a degree in a physical or chemical science, or in engineering, and extensive experience in the theory and practical use of instrumentation. A minimum of four years experience in recognized forensic laboratory is required. Salary range (GS-13 level) is \$41,121 to \$53,460. For further information, contact Dorothy Boyer, Laboratory Director, NIS Regional Forensic Laboratory, P.O. Box 220, Naval Base, San Diego CA 92136. (619) 235-1947 or 235 1611.

LABORATORY DIRECTOR

The Naval Investigative Service Regional Forensic Laboratory, San Diego, has an opening for a Laboratory Director. This position requires six years of experience in a forensic laboratory including supervisory or administrative experience. Salary range (GM-13, GM-14) is \$41-121 to \$53,460, effective January 1, 1989, \$48,592 to \$63,172. For further information, contact Dorothy Boyer, Laboratory Director, NIS Regional Forensic Laboratory, P.O. Box 220, Naval Base, San Diego CA 92136. (619) 235-1947 or 235 1611.

SENIOR CRIMINALIST

The City of Mesa, Arizona, is seeking applicants for the position of Senior Criminalist. The positions specializes in the areas of blood alcohol and drug screening in body fluids. Minimum requirements in-

clude a BS degree in Chemistry, Criminalistics or a closely related field and four to six years of experience as a criminalist. Salary range is \$36,283 to \$48,971. For further information, contact Mesa Personnel Department, P.O. Box 1466, Mesa, Arizona, 85211. (602) 644-2365.

CRIMINALIST

SENIOR CRIMINALIST

The County of Orange has several openings at the criminalist and senior criminalist levels. Qualifications include a Bachelor's degree in Criminalistics, Chemistry, Biology or a closely related field. The Senior Criminalist position requires two years experience in a forensic laboratory. The salary range is \$2,142 - \$2,879 (Criminalist) and \$2,798 - \$3,768 (Senior Criminalist). For further information, contact Margaret Kuo, Forensic Science Services, Sheriff's Department, P.O. Box 449, Santa Ana CA 92702. (714) 834-4549.

ASSISTANT CRIMINALIST

CRIMINALIST

The Oakland Police Department anticipates openings for Assistant Criminalists and Criminalists in the Fall of 1988. Both require a B.S. degree in Criminalistics or a closely related field. Two years of experience is required for the Criminalist experience. The salary range is \$2,699 to \$2,980 (Assistant Criminalist) and \$3,239 to \$3,583 (Criminalist). For further information, contact Jan S. Bashinski, Laboratory Director, Oakland Police Department, 455 Seventh Street, Room 608, Oakland CA 94607. (415) 273-3386.

LATENT PRINT EXAMINER

The City of San Diego is currently recruiting for a Latent Print Examiner. The requirements for this position are one year of full-time experience the fingerprint classification, searching, and comparison and identification of latent prints; and acceptance in court as an expert witness. For further information, contact San Diego Employment Information Counter, 202 C Street, San Diego CA 92101. (619) 236-5753.

DRUG STUDY GROUP

A Drug Study Group meeting was held at the San Mateo County Sheriff's Criminalistics Laboratory on September 1, 1988.

Nick Stumbaugh reported on CCI's course "Clandestine Laboratory Forensic Investigation." Students were taught how to safely examine and process clan lab scenes. Topics included:

- types of labs
- legal aspects
- synthesis routes
- selection, use and hands-on instruction with safety equipment
- DOJ's clan lab safety protocol which must be adhered to in order to work with DOJ and / or DEA at clan lab scenes
- coordination of law enforcement
- a binder of reference materials

The course seems to be well worth taking. John Bowden added that the course will be offered again early next year if enough applications are received.

A list of chemicals for which cartridge type air purifying respirators should not be used was passed around.

The San Mateo County Sheriff's office has prepared two training manuals: "Clandestine Drug Laboratory Manual" and "An Introduction to Clandestine Drug Laboratories". They are available to agencies with a need to know. Contact Nick Stumbaugh at (415) 573-2906.

AB 2700 was signed and chaptered on August 29, 1988. It is effective immediately as emergency legislation. It makes N,N- dimethylamphetamine, analogs and combinations of precursors illegal.

RJM, a large chemical supply house has been seized.

Chemicals for Research and Industry, a chemical supply house in Oakland has purchased inventory from ARC Chemicals at auction.

The Appellate Court decision in John Michael Hall, which concluded that it was "appropriate for one DOJ analyst to testify to the works and conclusions of another, who is unavailable" has been ordered published.

Elliot Kollman and Carolyn Csongradi of SMCSO, have developed a method of extracting LSD for IR analysis. (See accompanying article)

The Drug Study Group-South has proposed the formation of a committee within CAC that would assist legislators in drafting and/or correcting drug legislation. They have at least five people interested in being committee members. Participants are being sought from the North.

Roger Ely forwarded excerpts from the September 1988 NWAFS Newsletter. Articles included:

- Clandestine Laboratory Investigators Injured by Chemical Exposures.
- Book Review: The Controlled Substance Act, A Resource Manual of the Current Status of the Federal Drug Laws. Author Dr. Alexander T. Shulgin, Reviewed by Robert K. Sager.
- Lotus Spreadsheets Available for Clandestine Laboratory Investigators.
- New Types of Booby Traps Discovered at Clandestine Laboratory Sites.
- N,N-Dimethylamphetamine Controlled Federally Under Emergency Scheduling Provision.

Roger also sent structures of 23 Fentanyl analogs. Copies were distributed.

Recent Casework

Cocaine base melt combined with paraffin in Oakland

Cocaine HCl still prevalent in Salinas and other non metropolitan areas.

Alameda County courts are requiring that all drug evidence must be Kapaked.

Future Plans

Originally, no meeting was scheduled until the Fall Seminar. However, arrangements have since been made for Professor John Thornton to speak on Microcrystal Tests on the afternoon of October 6, 1988 at DOJ Modesto.

SMCSO is tentatively planning to demonstrate the Ephedrine - red P-HI synthesis of Methamphetamine early next year.

EXTRACTION OF LYSERGIC ACID DIETHYLAMIDE

Elliot Kollman

Carolyn Csongradi

San Mateo County Sheriff's Office

REAGENTS:

1:1 methanol:water
10 M ammonium hydroxide
n-butyl chloride
10% hydrochloric acid
methylene chloride

PROCEDURE:

1. Cut up one stamp, (or more if you have sufficient sample), and place in a test tube.
2. Add approximately 1 ml of the 1:1 methanol:water solution, 2 drops of 10M ammonium hydroxide, and approximately 1ml of n- butyl chloride.
3. Place in ultrasonic bath for 5 minutes. Mix. Centrifuge.
4. Remove organic layer and add to it approximately 1ml 10% HCl. Mix. Centrifuge.
5. Remove aqueous layer and basify to PH 9. Add approximately 1 ml methylene chloride. Mix. Centrifuge.
6. Remove organic layer and evaporate in a mortar being careful not to overheat sample.
7. Make a KBr micropellet and analyze.

BFS-CAC-UNISYS Forensic Serology Symposium Report Now Available

The report of the 1987 Symposium on the Practice of Forensic Serology, co-sponsored by the California Department of Justice- Bureau of Forensic Services, the California Association of Criminalists, and the Unisys Corporation is now available. This report contains the documents produced by the five working groups:

1. Quality Assurance
2. Standards of Training
3. Recording, Collection, and Preservation of Physiological Stain Evidence
4. Method Evaluation
5. Interpretation and Reporting of Results

This report is available for \$15.00. If you would like a copy of the report, send a check payable to the CAC to

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