



MAAFS

NEWSLETTER

VOLUME 6**SEPTEMBER 1978****NUMBER 2**

The MAAFS Newsletter is the official publication of the Mid-Atlantic Association of Forensic Scientists, Inc., and is published at least twice each year. All communications regarding the Newsletter should be sent to the Editor, Dr. Edward Sykes Franzosa, at the DEA Special Testing & Research Lab, 7704 Old Springhouse Road, McLean, Virginia 22101.

President's Letter to the MAAFS Membership

Dear Members,

News of the progress of the Criminalistics Certification Study Committee (CCSC) is of prime interest to all of us and I shall devote my attention in this letter to that topic. At the Spring 1978 MAAFS meeting, Tony Cantu and I summarized the Fifth Meeting of the CCSC held in New Orleans on March 30 - April 1, 1978. An information bulliten on that meeting has since become available and is enclosed herewith.

The Sixth Meeting of the CCSC was held on June 22 - 24, 1978, in Chicago. Again I will address the membership of the developments at this most recent meeting during our program at our Fall 1978 meeting (further described in this issue).

Among the first points of discussion at each meeting is a report by each representative as to any reactions of their respective membership to the CCSC program. In this regard, I would like to encourage anyone who has any such feelings, questions or comments to please make them known to me. I can only continue to function effectively as the MAAFS representative on the CCSC if I can continue to monitor the pulse of the membership on this important issue.

ATTENTION!

C A R E F U L - Within this mailing you should find a postcard sized 1978 election ballot. After making your election choices the ballot should be placed in the stamped addressed business sized MAAFS envelope provided. **NOTICE** that the questionnaire (printed on colored paper) is also to be returned in the same envelope. If you do not find a ballot after searching through this mailing please contact the Newsletter Editor. Thank you and please vote - voting is not only a privilege but also a responsibility!

-Edward Franzosa
work-(703) 557-1495
home-(703) 893-5740

A considerable amount of discussion dealt with if and how the AOAC could help the CCSC. Dick Brunelle of ATF who has spent five years as General Referee for AOAC in this area, and Dave McLean, representing the AOAC forensic interests, had been invited to give this committee a report on these activities.

Much of the discussion at the Chicago meeting centered around the subject of questionnaires. The CCSC is now actively involved in eliciting input from the Criminalistics Community as to the who, what and how of the various criminalistics disciplines. This information will then be made available to the appropriate peer groups to assist them in setting up guidelines for a possible certification program in their specific

discipline(s). The Serology questionnaire has already been distributed at this writing. Soon to follow are a questionnaire for Hairs and Fibers and one for Drugs (I am chairman for the committee responsible for developing this Drug Chemistry questionnaire). In addition to these questionnaires, the American Society of Crime Laboratory Directors (ASCLD) have recently received a general questionnaire to help the CCSC develop a profile of the organization and departmentalization of existing labs. While we recognize that some of these questionnaires are of necessity lengthy and time consuming to complete, I exhort you to respond with as much thought as possible. Only in this way can the CCSC respond to the needs, wishes and experiences of the forensic community. A great deal of time and thought has been devoted to these questionnaires and this effort can only be productive if each individual takes the time to respond carefully, completely and accurately.

Each representative then presented reports on the procedure for selecting nominees to serve on peer groups. In December of 1977 the CCSC representative of AFTE (American Firearms and Toolmarks Examiners) was asked to choose, with the help of his organization, nine to twelve examiners whom he thought would qualify to represent the firearms and toolmarks field on a national peer group board. At the March, 1978, CCSC Meeting, Mr. Janelli, the AFTE representative, presented a list of eleven nominees which AFTE felt were qualified to represent the area of firearms and toolmarks on a national peer group board. After reviewing the resumes submitted by each nominee and discussing the merits of each examiner with Mr. Janelli, all eleven were acceptable to the CCSC. The only other suggestion the CCSC made was that the peer group size be reduced to nine with the other two examiners acting as alternates.

The next order of business that the CCSC has undertaken is the selection of nominees for the remaining areas of specialization, namely, serology, chemistry and trace analysis. The selection of these nominees to serve on the national peer groups for the aforementioned areas of specialization will, for the most part, be the responsibility of the regional forensic associations. Each association will submit names to be considered for each area of specialization. At

this time each regional group is being asked to submit a list of candidates to be considered as peer group members in the area of serology.

Therefore, you will also find in this issue of the MAAFS Newsletter yet another questionnaire. This latest contribution to the proliferation of questionnaires is designed to accomplish three worthy goals:

- (1) - to provide a profile of the various disciplines represented by our membership to assist in the design of future programs;
- (2) - to provide information for a soon-to-be-published and updated membership directory (including By-Laws) and
- (3) - to begin the process of selecting representatives from the Mid-Atlantic Region to serve on possible national peer groups.

While this questionnaire is obviously designed for MAAFS members, it need not be limited solely to MAAFS members. If you know of individuals who do not happen to be members of any regional associations of forensic scientists but are actively engaged in the field of criminalistics in the Mid-Atlantic Region, please feel free to extend a copy to them. They can simply omit responses to question II.

Upon completion of this questionnaire, please return in the enclosed envelope, along with your completed election ballot, by September 22.

Upon receipt of these completed questionnaires, they will be reviewed by the MAAFS Executive Committee, which the membership has in past voted to serve as a MAAFS certification committee. Details of the mechanism for the final selection of nominees will be discussed at the Fall Meeting.

Speaking of the Fall Meeting, this Newsletter contains a general program and registration form. This meeting will also include an evening cruise/banquet which proved so popular at the Annapolis meeting. In addition this meeting will include an announcement of the results of the election for President-Elect, Secretary-Treasurer and Members-at-Large. Add to this the presentation of the first MAAFS Award (\$300) to a student in Forensic Science (this year from George Washington) and we have the makings of another interesting and successful MAAFS meeting. I look forward to seeing you all there.

Sincerely, Paul Ferrara

Minutes of 11th Meeting

The meeting was called to order by the President, Paul Ferrara, on April 14, 1978, at the Old Town Holiday Inn, Alexandria, Virginia.

The President appointed Dr. Ed Franzosa parliamentarian for the meeting.

The minutes of the 10th meeting, held in Annapolis, Maryland, were published in the MAAFS Newsletter, Volume 6, Number 1, 1978. Tony Cantu had an addition to the minutes as published. Dick Meyers was appointed Chairman of the Directory Committee who will compile a current member digest which will include names, addresses and places of employment and be sent to each member. The minutes were then approved as amended.

The Treasurer's report, effective April 11, 1978, was read and accepted and reported a balance in the treasury of \$6251.96.

The Secretary-Treasurer, Jean Ann Grandinetti reported that the Association is operating within their \$1500 budget for 1978. Notification has been received from IRS that we are officially a tax-exempt, non-profit organization. She also reported that the annual report and renewal fee for our Corporation has been filed with the State Corporation Commission of Virginia for 1977.

The President-Elect, Mike Horvath, reported that the Spring Meeting 1979 will be held in Gettysburg, PA. The Fall Meeting 1979 will be held in Ocean City, Maryland, and Russell Williams will be program chairman. Mike asked for volunteers to help organize the upcoming 1979 meetings.

The following Standing Committee reported:

(1) AWARDS COMMITTEE - Pursuant to last Fall's meeting, the motion that the Awards Committee would present the particulars of the Scholarship Award at the Spring meeting was presented by Tim King. The name shall be called "THE MAAFS SCHOLARSHIP AWARD". The recipient is to be selected by the Department Chairman from the two universities, one from each in alternating years, with the approval of the Awards Committee. The recipient must have completed one academic year in a forensic

science degree program at either the George Washington University or the University of Pittsburgh. Recipient's name will be announced and he will be presented with the award at the Fall meeting. The scholarship award of \$300 will be taken from the accrued annual interest of the MAAFS savings account. The first year's award is to go to a George Washington University student, selected by Dr. Charles O'Rear. It was moved and seconded that the report of the Awards Committee be accepted as presented. The motion was carried.

The following Special Committee reported:

(1) EMPLOYMENT CLEARING HOUSE - In the absence of Al Bober, Chairman, the President asked that any members having job openings or other employment information be given to him and he would forward this on to Al.

There was no unfinished business.

There was the following new business:

(1) The President appointed Tony Cantu, Chairman of the Nominating Committee for 1978. Three officers are to be elected by mail-in ballot this year - President-Elect, Secretary-Treasurer, and Member-at-Large. The President asked for volunteers for this committee.

(2) New Members - The President announced the new members to the Association since the Fall meeting, #211 through #229. They are Deanne F. Dabbs, Ronald N. Holmes, Richard E. Tontarski, Francis M. Devine, Robert J. Campbell, David F. Clark, Karen L. Bates, Philip H. Patterson, Richard Stroebel, Marina Stajic, W. Richard Howe, Paul A. Hojnacki, Efrain Acevedo, Vincent Cordova, Linda B. Jankowski and John E. Hughes.

(3) The President announced two resignations Hitoshi Maruyama and Janet R. Strimaitis, and one death, Joseph M. English.

There were the following announcements:

(1) Peter Marone reported on the upcoming Fall meeting to be held September 29th and 30th at the downtown Pittsburgh, PA Hilton Hotel. Approximately six instrument companies have already signed up to exhibit at the meeting. Peter asked for suggestions for the social entertainment. At present, Saturday morning's program is to be a symposium on training programs as well as graduate programs in the forensic sciences.

(2) The President mentioned that the Association

has been asked to participate in the combined meeting of the Northeast, Southern and Mid-western Regional Forensic Groups to be held in April, 1980, at Louisville, Kentucky. There were no objections to this meeting taking the place of our own Spring 1980 Meeting, since joint ventures in the past have been so successful. Paul said that he would contact Mr. Howard Alfultis who is the Program Chairman, to let him know we will participate in the meeting and that a liaison Chairman will be appointed.

(3) The President announced that the cash bar begins at 7:00 PM with the Banquet to start at 8:00 PM.

There were no objections and the meeting was adjourned.

Respectfully submitted,
Jean Ann Grandinetti
Secretary-Treasurer

PROPOSED BY-LAWS CHANGE
Article II - Membership
Section 3 - New Members

(delete original section in its entirety and substitute the following)

A. Application for membership must be made in writing on the approved form and endorsed by at least one member.

B. The applicant must meet all the requirements for regular membership and must have attended at least one previous meeting.

C. The application form, along with a non-refundable application fee of \$2.50, is to be submitted to the Secretary-Treasurer for processing. If the applicant meets all the requirements, the application is forwarded by the Secretary-Treasurer to the Membership Committee for approval.

D. After a new member's application has been approved by the Membership Committee and the applicant has paid the annual dues, it shall be the responsibility of the Secretary-Treasurer to notify the Newsletter Editor of the new member to be added to the mailing list.



"The jury will disregard the witness's last remarks."

MAAFS
MID-ATLANTIC ASSOCIATION
of FORENSIC SCIENTISTS

Dear Forensic Scientist interested in Questioned Documents:

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 has increased. Consequently, the interest in paper analysis from a technical or semi-technical view point has also increased.

The Institute of Paper Chemistry may offer a course in forensic paper analysis only if the interest is there, if 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

Antonio A. Cantu
Past-president, MAAFS

WHAT DOES AOAC HAVE TO DO WITH FORENSIC SCIENCES?

Forensic scientists who examine bloodstains on stolen vehicles, fiberglass insulation on a burglar's coat, and voiceprint identification of crank callers may not normally affiliate themselves with analytical chemists testing for components of foods and drugs.

But the AOAC has done considerable work with forensics over the past several years and is interested in inviting more forensic scientists to become involved in the organization.

Bruce Given, Chief Investigative Officer for Naval Investigative Services (2461 Eisenhower Ave., Alexandria, VA 22331), is AOAC's General Referee for Forensic Sciences. Under his direction, forensic scientists are pursuing work on 24 different topics. (See box).

AOAC has held several well-attended Symposia on Forensic Sciences during its Annual Meeting in Washington, DC. Topics discussed have covered most of the items listed for study.

AOAC's 1000 page compendium of standardized methods, Official Methods of Analysis (12th Ed., 1975), has one chapter on Forensic Sciences with two officially approved methods--Latent Fingerprints, 45.001, and Characterization and Matching Glass Fragments by Dispersion Microscopy, 45.002. The volume also contains a chapter on Illicit Drugs, with methods for heroin, 40.003, LSD, 40.006, and marijuana, 40.010.

Associate Referees in the Forensic Sciences represent a cross section of federal, state, and private forensic labs. The FBI, Bureau of Alcohol, Tobacco and Firearms, Center for Disease Control, Michigan and New Jersey State Police, Wisconsin State, Bridgeport Regional, and Post Office Crime Labs, University of Montana, and Walter C. McCrone Associates all carry out methods work through AOAC.

And Richard Brunelle, of the Bureau of Alcohol, Tobacco and Firearms, former Forensic Sciences General Referee, is the representative to the AOAC for the American Academy of Forensic Sciences.

Yet many forensic scientists ask why it is advantageous for them to work with the AOAC.

The main reason is that AOAC has a system of validating methods of analysis which gives them "watertight integrity", as Bruce Given mentions. He is particularly impressed with the AOAC "ruggedness test."

Before an Associate Referee (AR) even sends the method out for collaborative study, he is expected to test for

The following are AOAC forensic science topics:

- Alcohol in Blood
- Biological Fluids
(Immunoelectrophoresis)
- Blood*
- Bomb Residues
- Documents
- Emission Spectrography
- Fiber Analysis*
- Fingerprints
- Firearms*
- Flammable Fluids
- Gunshot Residues
- Hair Examination
- Inks
- Lead and Its Stable Isotopes
- Microscopic Methods
- Microscopic Methods/Glass Products
- Organic Mass Spectrometry
- Paints (Pyrolysis GC Methods)
- Paints (Spectrography)*
- Safe Insulation
- Soils (Geological Analysis)
- Voiceprint Identification
- X-Ray Diffraction of Physical Evidence*

* No Associate Referee

the effect of deviations from his proposed procedure on the end result. Then the method is sent out to at least six different labs for collaborative study. Each collaborator is sent a set of samples and an explicit procedure to follow. The AR evaluates results from all the labs and, if he is satisfied, recommends that AOAC adopt the method. It is reviewed by the General Referee and Subcommittee; if approved, it is adopted as an official AOAC method.

AOAC requires that the method and collaborative study be published in full detail in the open literature. In this way, users can check the study to ascertain the scope and limitations of the method before deciding whether to use it to solve their particular problem.

The availability of collaboratively studied methods may become increasingly important to the forensic community as physical evidence plays a larger role in courts of law. The lab tests used to present evidence, along with the testimony of experts, may come under closer scrutiny.

AOAC is interested in starting further discussions on forensic science projects. Contact Bruce Given at the above address or at 202/325-9449 if interested in any topics.

NEW MEMBERS

The following persons have become MAAFS members since the Fall 1977 meeting.

- 211 Deanne F. Dabbs
611 Rossmore Road
Richmond, VA 23225
- 212 Ronald N. Holmes
504 South Lansdowne Avenue
Apt. B-9
Yeadon, PA 19050
- 213 Richard E. Tontarski, Jr.
3935 San Leandro Place
Alexandria, VA 22309
- 214 Clyde F. Richardson
6913 Presley Road
Seabrook, MD 20801
- 215 Francis M. Devine
1724 Overlook Drive
Silver Spring, MD 20903
- 216 Robert J. Campbell
Director, Tidewater Regional Lab
401-A Colley Avenue
Norfolk, VA 23507
- 217 David F. Clark
1306 Claremont Avenue
Richmond, VA 23227
- 218 Karen L. Bates
4890 Battery Lane #419
Bethesda, MD 20014
- 219 Richard Stroebel
41 West Myrtle Avenue
Feasterville, PA 19047
- 220 Philip H. Patterson
Special Testing and Research Lab
7704 Old Springhouse Road
McLean, VA 22102
- 221 Dr. Marina Stajic
3306 Woodburn Village Drive
Apt. #32
Annandale, VA 22003
- 222 W. Richard Howe
Chemistry Department
234 Chemistry Building
University of Pittsburgh
Pittsburgh, PA 15260
- 225 Paul A. Hojnacki
1760 North Troy Street #660
Arlington, VA 22201
- 226 Linda B. Jankowski
South Regional Lab
New Jersey State Police
Box 126
Hammonton, NJ 08037
- 227 Efrain Acevedo
45 East Mosholu Parkway
Apt #7C
Bronx, New York, NY 10467
- 228 Vincent Cordova
Director of Criminalistics
2300 Stratford Avenue
Willow Grove, PA 19090
- 229 John Edward Hughes
Bureau of Forensic Science
Box 486
Merrifield, VA 22116



GETTYSBURG

Plans for the Spring 1979 MAAFS meeting are proceeding quite well. Arrangements have been made with the Sheraton Inn on Route 15 South in Gettysburg, PA, and 55 rooms have been reserved for Friday night, April 24th, at \$26 (plus 6% tax) for single occupancy and \$33 (plus tax) for double. (Noon check out time. Personal checks are not accepted for payment but all major credit cards are acceptable.) The hotel has a year-round swimming pool with saunas and two tennis courts open daily at no charge. Next door to the hotel is an International Peddlers Village of shops, restaurants, booths, Flea Market, Farmer's Market, etc.

Events include a Gettysburg Battlefield Tour, a Friday evening Banquet at 8 PM and a Saturday morning Brunch.

You'll plan to attend now!

JOBS

Al Bober is running an Employment Clearing House (under MAAFS auspices) for forensic scientists. He keeps resumes of members looking for work for 90 days and provides the information to all employers who contact him. Al provides this service free-of-charge. All members interested in employment possibilities are asked to contact:

Al Bober
US Customs Lab
103 South Gay Street
Baltimore, MD 21202
(301) 962-2920

If you should hear of a job opening or receive an employment opportunity notice please call Al or send him a copy of the notice. Thank you.



"We find the defendant guilty as charged by the media."

FORENSIC SCIENTIST OF THE YEAR AWARD

For the Forensic Scientist of the Year Award I hereby nominate:

Name:

Address:

Give a brief summary of the nominee's background and reasons for the nomination:

Submitted by Name:

Address:

Phone Number:

Nominations by ten (10) members will be required in support of each nominee for the award. All nominations will be submitted to the Awards Committee for authentication and review by two (2) month before the semi-annual Spring Meeting. The nominations will then be forwarded to the Executive Committee who determines a final choice of one or none before the Spring Meeting.

Submit this form to: Rose Marie Lanzetta
Maryland State Police Headquarters
Reisterstown Road
Pikesville, Maryland 21208

MEMBERSHIP APPLICATION

Print in ink or type application; obtain signatures of two current MAAFS members and then mail form to Secretary-Treasurer. Application fee is \$2.50 (non-refundable) and must accompany this application form. Yearly dues of \$7.50 are payable on January 1st of each year.

Name:

Occupation/Job Title:

Employer:

Business Address & Phone:

Home Address & Phone:

(Please check or circle preferred mailing address)

Education and Experience (include all past employment relating to the Forensic Sciences):

Circle MAAFS Meetings you have attended:

Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
1975	1975	1976	1976	1977	1977	1978	1978	1979	1979	1980	1980

Membership in Professional or Scientific Organizations:

Signature of Applicant:

Date:

Proposed by:

Seconded by:

Past President:

Dr. Antonio A. Cantu
BATF, National Laboratory Center
1401 Research Boulevard
Rockville, Maryland 20850
(301) 443-5213

President:

Dr. Paul B. Ferrara
Bureau of Forensic Science
1 North 14th Street
Richmond, Virginia 23219
(804) 786-3335

President-Elect:

Michael Horvath
Penn State Police Crime Lab
Post Office Box 2005
Bethlehem, Pennsylvania 18001
(215) 691-6110 Ext. 251

Secretary-Treasurer:

Jean Ann Grandinetti
14894 Lambeth Square
Centreville, Virginia 22020
(703) 830-3863

Newsletter Editor:

Dr. Edward S. Franzosa
DEA Special Testing & Research Lab
7704 Old Springhouse Road
McLean, Virginia 22101
(703) 557-1495

SPRING MEETING

The eleventh semiannual MAAFS meeting was held April 14 and 15, 1978, at the Old Town Holiday Inn, Alexandria, Virginia. Papers in various areas of forensic science including bloodstain analysis, document examination, trace evidence analysis, fingerprints and drug analysis were presented. Other topics discussed include certification, police training, internships and the drug regulatory control process. A clandestine manufacturing symposium covering counterfeiting, drugs and explosives was also part of the program. The meeting was well attended with approximately 110 registrants. A profit of \$1137.08 was realized, making this meeting successful from a financial standpoint also.

Program Chairpersons Alice Kruegel and Pauline Wagner would like to thank all who contributed to the success of this meeting. The program participants are to be congratulated for their presentations. The many people who assisted with the organization and arrangements deserve thanks. The following people deserve special recognition: Susan Carr (Registration Chairperson), Jean Ann Grandinetti (Exhibits Chairperson), Paul Ferrara, Tony Cantu, Ed Franzosa, Ted Kram and Constella Zimmerman. Finally, the enthusiastic response from the MAAFS members who attended the meeting is appreciated.

-Alice Kruegel
-Pauline Wagner

We would like to join with all the MAAFS members in thanking Alice Kruegel and Pauline Wagner for a job very well done!
the MAAFS Executive Committee

FALL MEETING

The following is the schedule for the Fall 1978 MAAFS meeting to be held at the Pittsburgh Hilton on September 29 and 30th.

LOCATION: Pittsburgh Hilton
Gateway Center
Pittsburgh, PA
(412) 391-4600

Accommodations: Single - \$32.00
Double - \$40.00
Registration cards have been included with this newsletter.

PROGRAM SCHEDULE

FRIDAY - September 29, 1978

8:00-9:00 AM - Registration
9:00-12:00 PM - Technical Papers and Exhibits
12:00-1:00 PM - Luncheon
1:30-5:00 PM - Technical Papers and Exhibits
5:00-6:00 PM - Business Meeting
7:00-10:00 PM - Cruise-Buffer (Casual Dress)

SATURDAY - September 30, 1978

9:00-12:00 AM - Technical Papers and Exhibits

The Cruise-Buffer will consist of a cruise of the three rivers on the Gateway Clipper. The buffet will include roast beef as well as an open bar for the trip. A group will be performing. The dress is casual.

