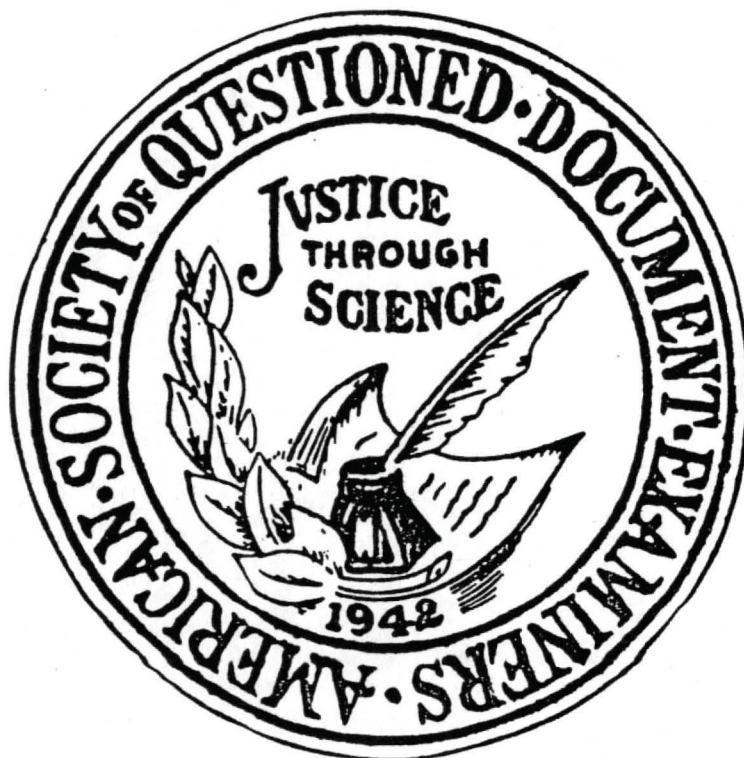


**50th ANNIVERSARY CONFERENCE**

**August 22 through 26, 1992**

**PFISTER HOTEL  
MILWAUKEE, WISCONSIN**



**PROGRAM  
ABSTRACTS  
TECHNICAL PAPERS**

#00004336

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\*COMPILATION OF ABSTRACTS AND PAPERS  
(Abstracts and papers are numbered according  
to their appearance on the program)

## HISTORY AND BACKGROUND

In 1913 Mr. Albert S. Osborn initiated a program for the interchange of ideas and research information by inviting Mr. Elbridge Stein of Pittsburgh to discuss with him various questions relating to Questioned Document Examination. Mr. Stein was a profound student thirsting for more knowledge on the subject and eagerly accepted Mr. Osborn's invitation. Within the next year or two, J. Fordyce Wood of Chicago, Curtice Shearman of Wichita, and John J. Lomax of Montreal were added to the list. These men were also eager to sit at the fountainhead and learn from Mr. Osborn. From the beginning they were asked to participate wholeheartedly in the discussions.

Mr. John F. Tyrrell of Milwaukee, a long-time friend of Mr. Osborn, was one of the early participants at the meetings. Albert D. Osborn, the son of Albert S. Osborn, was invited to attend in 1919 on his return from overseas service with the United States Armed Services during World War I.

In 1926, Herbert J. Walter of Winnipeg, Canada, was invited; and within the next two years Edwin H. Fearon of Pittsburgh, Harry E. Cassidy of Richmond, and Scott E. Leslie of Cleveland were brought into the group.

James Clark Sellers of Los Angeles was invited and attended the 1930 meeting. At that meeting Rafael Fernandez Ruenes of Havana, Cuba, also attended. In 1931 John L. Harris of Los Angeles was asked to join this devoted group of specialists, which he willingly did. In the meantime, George Walter, son of Herbert, became a member.

Elwin C. Leslie, son of Scott E. Leslie, attended and participated in the 1939 meeting. George J. Lacy of Houston was invited and first attended in 1942, as did Warren T. Johnson. In 1956, Lucile P. Lacy, the wife of George J. Lacy, was the first woman to become a member of the Society. Mary Beacom was admitted shortly thereafter and with Ms. Lacy began a legacy of exemplary and dedicated women members.

At the Wednesday evening session, September 2, 1942, of the conference it was decided to perfect an organization to be known as "The American Society of Questioned Document Examiners."

## CHARTER MEMBERS AND ORIGINAL ELECTED OFFICERS

Albert S. Osborn, President  
James Clark Sellers, Vice President  
Elbridge W. Stein, Secretary  
John F. Tyrell, Treasurer  
Albert D. Osborn  
Herbert J. Walter  
Harry E. Cassidy  
Edwin H. Fearon  
Scott E. Leslie  
Rafael Fernandez Ruenes  
John L. Harris  
George B. Walter  
Elwin C. Leslie  
George J. Lacy  
Warren T. Johnson

## PAST PRESIDENTS

Albert S. Osborn	1942-1946
Clark Sellers	1946-1950
Albert D. Osborn	1950-1952
John L. Harris	1952-1956
George J. Lacy	1956-1960
Ordway Hilton	1960-1962
David A. Black	1962-1964
Donald B. Doud	1964-1966
John J. Harris	1966-1968
Lucile P. Lacy	1968-1970
David J. Purtell	1970-1972
Linton Godown	1972-1974
Philip L. Schmitz	1974-1976
Joe Nemecek	1976-1978
Satoru C. Shimoda	1978-1980
David A. Crown	1980-1982
Charles C. Scott	1982-1984
Maureen Casey Owens	1984-1986
John F. McCarthy	1986-1988
James V. P. Conway	1988-1990

## OFFICERS (1990 - 1992)

President: Paul A. Osborn  
Vice President: James H. Kelly  
Secretary: Roy A. Huber  
Treasurer: James J. Horan  
Directors: Robert G. Foley  
James V. P. Conway (interim)

## COMMITTEES

Membership and Credentials: Gideon Epstein, Chair 1991-94  
Philip D. Bouffard 1989-92  
William J. McCarthy 1990-93  
Examination & Evaluation: Robert Muehlberger, Chair 1991-94  
John S. Gencavage 1990-92  
Mary B. Wenderoth 1990-93  
1992 Program Committee: John Paul Osborn, Chair  
Mary B. Wenderoth  
James Davidson  
Thomas W. Vastrick  
Conference Site Committee: Donald E. Doud, Chair  
Newsletter: Thomas W. Vastrick  
Corresponding Members: Lucile P. Lacy  
Awards: David J. Purtell  
Publicity & Public Relations: Frankie E. Frank  
Research & Development: A. Lamar Miller  
Library Curator: Alwyn Cole

## WELCOME

The 1992 Program Committee wishes to extend to the members and guests of this, the 50th Anniversary Conference of the American Society of Questioned Document Examiners, a warm welcome to this milestone gathering. Thanks are richly deserved to those of you who made the effort to participate in this meeting by giving a presentation or assisting with the meeting.

The Society's tradition of providing an outlet for the dissemination of information in the form of technical research, new methodology, professional activities and other areas of interest to questioned document examiners is continued with this year's program. You will also have the opportunity to hear of the rich history of the Society over the last 50 years from some of the members whose intimate association with this organization have helped make it so highly regarded and membership within the Society so greatly valued among competent and ethical practitioners within this field.

However, one of the most important traditions of the Society can be gained only with your own individual effort. The heritage of informal interaction between and among members and guests has been a valued part of the Annual Conference of the Society and all attendees are urged to take advantage of the opportunity to discuss the information heard during the technical sessions with the authors and to associate with your colleagues before and after the technical sessions. The small groups which will be assigned for the Signature Workshop are designed for this very kind of interaction. Please actively participate by getting together with the other members of your group and arranging to meet after the daily sessions.

The outstanding efforts of the Site Committee and its Chairperson, Donald Doud, to make this Conference an enjoyable event for the members and guests deserves a great deal of praise. Milwaukee, truly "the best kept secret in America," offers a wide variety of activities of which it is hoped you will have time to take advantage. The elegant Pfister Hotel will make your time in the city a comfortable and relaxing stay.

So, welcome to Milwaukee and this important meeting of the Society. I hope you find the program to be an informative and worthwhile experience.

JOHN PAUL OSBORN, 1992 PROGRAM CHAIR

PROGRAM COMMITTEE: MARY WENDEROTH, JIM DAVIDSON & TOM VASTRICK

## GENERAL INFORMATION

**REGISTRATION**  
Saturday August 22 Cafe Rouge 2:00pm - 5:00pm  
Sunday August 23 Hall of Presidents 7:30am - 8:30am

**WELCOME RECEPTION**  
(cash bar)  
Saturday August 22 Cafe Rouge 6:00pm - 8:00pm

**PRESIDENT'S RECEPTION &  
50TH ANNIVERSARY OUTDOOR BUFFET**  
Sunday August 23 Doud Residence 6:00pm - 9:00pm  
(Free Transportation from Pfister Hotel)

**MILWAUKEE MUSEUM TYPEWRITER PROGRAM**  
Monday August 24 Milwaukee Museum 2:00pm - 4:30pm  
(Free Transportation from Pfister Hotel)

**SIGNATURE WORKSHOP**  
Monday August 24 Hall of Presidents 1:00pm - 2:00pm  
Wednesday August 26 Hall of Presidents 10:20am - 12:20pm

**ASQDE ANNUAL BUSINESS MEETING**  
(Members Only)  
Tuesday August 25 Hall of Presidents 2:00pm - 5:00pm

**ASQDE 50TH ANNIVERSARY BANQUET**  
(Members & Guests)  
Tuesday August 25 Cafe Rouge 6:00pm - 11:00pm  
(Reception at 6:00pm on Balcony above Cafe Rouge)

**OPENING SESSION**  
(Hall of Presidents - Spouses & Press Invited)  
Sunday August 23 ASQDE History 8:30am - 11:00am

**TECHNICAL (SCIENTIFIC) SESSIONS**  
(Hall of Presidents - Members & Guests Only)  
Sunday August 23 First Session 11:20am - 12:00pm  
Second Session 2:00pm - 5:00pm  
Monday August 24 Third Session 8:30am - 12:00pm  
Tuesday August 25 Fourth Session 8:30am - 9:00am  
Wednesday August 26 Fifth Session 8:30am - 12:20pm

CONTINENTAL BREAKFAST BUFFET PROVIDED AT 7:30am ON SUNDAY,  
MONDAY, TUESDAY & WEDNESDAY ADJACENT TO MEETING ROOMS





SUNDAY

10:00am to 11:00am

COMMENTS ON *State of New Jersey v. Richard Bruno Hauptmann* AND REGARDING A HISTORICAL REPOSITORY FOR FORENSIC DOCUMENT EXAMINATION AND CASEWORK  
Jim Fisher  
(Author and Guest Lecturer)

11:00am to 11:20am

Mid-Morning Break

FIRST TECHNICAL SESSION John S. Gencavage, Moderator  
(Members & Guests Only)

11:20am to 11:40am

COMPUTER IMAGE EDITING OF QUESTIONED DOCUMENTS [2]  
Linda J. Hart  
(Member)

11:40am to 12:00pm

NEW APPLICATIONS OF DIGITAL IMAGE PROCESSING IN FORENSIC DOCUMENT EXAMINATION [3]  
Dan Purdy  
(Associate Member)  
Marc Gaudreau  
(Guest)

12:00pm to 2:00pm

Lunch

SECOND TECHNICAL SESSION John R. Sardone, Moderator

2:00pm to 2:20pm

COMPENSATING FOR LINEAR DISTORTION USING COMPUTER GRAPHICS [4]  
James R. Daniels  
(Member)

SUNDAY

2:20pm to 2:40pm

IMAGING, COMPUTERS AND  
DOCUMENTS: AN INCREMENTAL  
APPROACH TO BUILDING A SYSTEM  
FOR THE QUESTIONED DOCUMENT  
EXAMINER [5]

Peter V. Tytell  
(Guest)

2:40pm to 3:00pm

HIGH RESOLUTION STILL VIDEO  
IMAGING FOR EXAMINATION,  
RECORDING AND PRESENTATION OF  
DOCUMENT EVIDENCE [6]

Philip D. Bouffard  
(Member)

3:00pm to 3:20pm

"FLASH" VERSUS "DIGITIZATION"  
- NEW TRENDS IN XEROGRAPHIC  
TECHNOLOGY [7]

James A. Blanco  
(Guest)

3:20pm to 3:40pm

Mid-Afternoon Break

3:40pm to 4:00pm

A HIGH QUALITY VIDEO SCANNER -  
THE DVS EQUIPMENT FOR NON-  
DESTRUCTIVE OPTICAL  
EXAMINATION [8]

Peter W. Pfefferli  
(Corresponding  
Member)

4:00pm to 4:20pm

THE USE OF SCANNING VIDEO  
DENSITOMETER FOR THE  
EXAMINATION OF THIN LAYER  
CHROMATOGRAPHIC PLATES [9]

Robert L. Kuranz  
(Guest)

4:20pm to 4:40pm

PRESENTATION OF EVIDENCE USING  
THE VCR [10]

Janis R. Tweedy  
(Associate Member)

SUNDAY

4:40pm to 5:00pm

THE APPLICATION OF CONFOCAL  
LASER SCANNING MICROSCOPY TO  
FORENSIC DOCUMENT EXAMINATION  
[11]

Marc Gaudreau  
(Guest)  
Dan Purdy  
(Associate Member)

5:00pm

Adjournment

6:00pm to 9:00pm

PRESIDENT'S RECEPTION AND 50TH  
ANNIVERSARY OUTDOOR BUFFET

The Home of Donald and Jane  
DOUD

(Free Transportation Provided)

MONDAY, August 24th, 1992

7:30am to 8:30am

Complementary Continental  
Breakfast

8:30am to 8:40am

Announcements

THIRD TECHNICAL SESSION Linda J. Hart, Moderator

8:40am to 9:00am

IDENTIFICATION OF INDENTED  
TYPEWRITTEN ENTRIES WITH  
CHARACTERS PRESENT ON A LIFT-  
OFF CORRECTION RIBBON [12]  
Steven M. Grantham  
(Guest)

9:00am to 9:20am

A COLLECTION OF FAX FONTS [13]  
James Davidson  
(Member)  
Diane K. Tolliver  
(Member)

MONDAY

9:20am to 9:40am

STUDY OF CLASS CHARACTERISTICS  
IN OFFICE PRODUCTION AND  
REPRODUCTION TECHNOLOGIES [14]

Tom Stimpson  
(Guest)  
R. B. Ostrum

9:40am to 10:00am

AN EVALUATION OF THE  
KINDERPRINT INDENTATION  
MATERIALIZER - ELECTROSTATIC  
DOCUMENT DEVICE [15]

Brian B. Carney  
(Member)

10:00am to 10:20am

DETERMINATION OF SEQUENCE OF  
WRITING IMPRESSIONS AND BALL  
PEN INKSTOKES USING THE ESDA  
TECHNIQUE [16]

Robert W. Radley  
(Corresponding  
Member)

10:20am to 10:40am

Mid-Morning Break

10:40am to 11:00am

THE 35mm COPY STAND [17]  
Bruce R. Greenwood  
(Guest)

11:00am to 11:20am

DOES THE DAITO 920 AND DAITO  
S070 HAVE A PLACE IN YOUR  
REPertoire OF CHART MAKING  
TECHNIQUES? [18]

Hartford R. Kittel  
(Guest)

11:20am to 11:40am

A POTENTIAL CAUSE OF ERROR IN  
DOCUMENT EXAMINATIONS [19]

Philip L. Schmitz  
(Life Member)

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**MONDAY**

11:40am to 12:00pm

*MANAGING COMPLEX QUESTIONED  
DOCUMENT CASES [20]  
John J. Harris  
(Life Member)*

12:00pm to 1:00pm

*Lunch*

1:00pm to 2:00pm

*SIGNATURE WORKSHOP (Part I)  
Howard C. Rile  
(Member)*

*Introduction & Instructions  
Small Group Organization  
Preliminary Small Group  
Discussion of Problems*

2:00pm to 4:30pm

*MILWAUKEE MUSEUM - TYPEWRITER  
COLLECTION AND EXHIBIT  
(Free Transportation  
Provided)*

*Tour of the Collection  
Don Hoke, Former Curator*

*Informal Discussion of  
Memorable Cases*

**TUESDAY, August 25th, 1992**

7:30am to 8:30am

*Complementary Continental  
Breakfast*

8:30am to 8:40am

*Announcements*

TUESDAY

FOURTH TECHNICAL SESSION Janis S. Tweedy, Moderator

- 8:40am to 9:00am THE USE OF A FOCUS GROUP TO DETERMINE JURY RESPONSE TO DOCUMENT EXPERT TESTIMONY [21]  
Lamar Miller  
(Member)
- 9:00am to 9:20am MY APPROACH TO DOCUMENT LITIGATION [22]  
James A. Black  
(Guest)
- 9:20am to 9:40am BAD OPINIONS MAKE BAD CASE LAW [23]  
Ron M. Dick  
(Member)
- 9:40am to 10:00am PRE-TRIAL PREPARATION AND PRE-TRIAL CONFERENCES IN A QUESTIONED DOCUMENT CASE [24]  
Ordway Hilton  
(Life Member)
- 10:00am to 10:20am PREPARATION FOR COURT ROOM TESTIMONY IN A CASE WHERE THE DEFENSE COUNSEL HAS RETAINED AN EXPERT [25]  
Joyce A. Lauterbach  
(Guest)
- 10:20am to 10:40am Mid-Morning Break
- 10:40am to 11:00am A STUDY OF THE OCCURRENCE OF CERTAIN HANDWRITING CHARACTERISTICS IN A RANDOM POPULATION [26]  
Richard A. Horton  
(Associate Member)

TUESDAY

11:00am to 11:20am

COCAINE AND HANDWRITING [27]  
Linton Mohammed  
(Corresponding  
Member)

11:20am to 11:40am

THOSE WHO JUDGE [28]  
Larry F. Zeigler  
(Associate Member)

11:40am to 12:00pm

SOME OBSERVATIONS OF  
QUESTIONED DOCUMENT  
EXAMINATION IN BUDAPEST AND  
PRAGUE  
Peter V. Tytell  
(Guest)

12:00pm to 2:00pm

Lunch

2:00pm to 5:00pm

AMERICAN SOCIETY OF QUESTIONED  
DOCUMENT EXAMINERS ANNUAL  
BUSINESS MEETING  
(Members and Life Members  
Only)

6:00pm to 11:00pm

AMERICAN SOCIETY OF QUESTIONED  
DOCUMENT EXAMINERS 50th  
ANNIVERSARY BANQUET

Reception  
(Balcony)  
Dinner  
(Cafe Rouge)  
Awards and Presentations  
Dancing

WEDNESDAY, August 26th, 1992

7:30am to 8:30am

Complementary Continental  
Breakfast

WEDNESDAY

8:30am to 8:40am *Announcements*

*FIFTH TECHNICAL SESSION Mary B. Wenderoth, Moderator*

8:40am to 9:00am *EXAMINATION OF THE HANDWRITING  
OF MANUEL ANTONIO NORIEGA [29]  
Gideon Epstein  
(Member)*

9:00am to 9:20am *BEWARE OF USING SIMPLIFIED  
SIGNATURES [30]  
Julia Elena de la Pena  
(Corresponding  
Member)*

9:20am to 9:40am *PAPERLESS AND INKLESS  
SIGNATURES [31]  
Janet Fenner Masson  
(Member)*

9:40am to 10:00am *A TRACED FORGERY: IS THERE A  
NEED FOR HANDWRITING  
COMPARISONS? [32]  
Robert J. Muehlberger  
(Member)  
Thomas W. Vastrick  
(Member)*

10:00am to 10:20am *Mid-Morning Break*

10:20am to 12:20pm *SIGNATURE WORKSHOP (Part II)  
Howard C. Rile  
(Member)  
  
Discussion of Individual  
Problems*



**WEDNESDAY**

12:20pm to 12:30pm

*Final Remarks*

*Adjournment of the 50th  
Anniversary Conference,  
American Society of Questioned  
Document Examiners*