

Foster Documents



**FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535**

To: ADIC, Washington Metropolitan Field Office

Date: May 9, 1994

Reference: Communication dated 3/29/94

Your No. 29D-LR-35063

Re: MOZARK
MAJOR CASE #106
OO: Little Rock

FBI File No. 29D-LR-35063
40324038 S/D QV ZG WK
Lab No. UD WP AL QW ZT VY ZZ AR
4033007 S/D QV ZG WK
UD WP AL VY ZZ AR
40405047 S QV RU
40413029 S QV
40414002 S/D QV QW WP
AL
40422001 S-QV QW

Specimens received: March 24, 1994

Specimens personally delivered by SSA William Colombell on March 24, 1994 (Laboratory Number 40324038 S/D QV ZG WK UD WP AL QW ZT VY ZZ AR):

Q1 Cartridge (2)
Q2 Cartridge case (3)
Q3 Eyeglasses (4)
Q4 Jacket (10)
Q4A Handkerchief (10)
Q5 Tie (11)
Q6A-Q6F Miscellaneous papers (13)
Q7-Q7D Key ring and keys (14)

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(over)

This Report Is Furnished For Official Use Only

Q8 Shirt (16)
Q9 T-shirt (17)
Q10 Shorts (18)
Q11 Pants (19)
Q11A Belt (19)
Q12-Q13 Socks (20)
Q14-Q15 Shoes (21)
Q16 Map (23)
Q17-Q18 Two pairs of glasses (24)
Q19 Birthday card (25)
Q20 Piece of paper (26)
Q21 Box of checkbooks (27)
Q22 Card (28)
Q23 Bottle (29)
Q24 Can (30)
Q25 Pack of cigarettes (31)
Q26 Bottle of Kaopectate (32)
Q27 Corkscrew (33)
Q28 Miscellaneous items from ashtray (34)
Q29 Torn note and envelope resubmitted from Laboratory
Number 30730011 D/S UD UJ (Q1) (35)
Q30 Brown paper from around K1 barrel, white filter paper
and white wrapping paper (37)
Q31-Q31C Paper on which clothes were dried (38)
Q32 Negatives (39)

- K1 .38 Special caliber Colt revolver, Serial Number
355055 (1)
- K2 Known head hair pulled from VINCENT FOSTER (22)
- K3 Known blood sample from VINCENT FOSTER (36)

Specimens personally delivered by SSA William Colombell on
March 30, 1994 (Laboratory Number 40330007 S/D QV ZG WK UD WP
AL QW VY ZZ AR):

ALSO SUBMITTED:

Initial Mobile Crime Lab Report of scene of death (Tab 46)

Evidence Control Receipt for weapon, one casing, and one
round (Tab 47)

Department of Treasury, ATF National Tracing Center,
Report of Firearms Tracing, both serial number (Tab 48)

Metropolitan Police Department certificate of No Record of
Firearms Registration for Weapon (Tab 49)

Photo of weapon shown to Foster's sister and John Sloan's
correspondence reference same (Tab 50)

U.S. Park Police letter request ATF to perform forensic
testing on evidence from the Foster Case, and result of
tests from ATF (Tab 51)

Evidence Control Receipt listing Foster's personal
property found at the scene (Tab 52)

Mobile Crime Lab Report on police action attending the
autopsy (Tab 53)

Mobile Crime Lab Report on processing Foster's vehicle
(Tab 54)

Mobile Crime Lab Report on the efforts to locate the spent
bullet (Tab 55)

Mobile Crime Lab Report on processing the weapon for
latent fingerprints (Tab 56)

Mobile Crime Lab Report on the "Foster Note" and the U.S. Capitol Police report of their examination of the "Foster Note" (Tab 57)

Mobile Crime Lab Reports reference the note and copies of the FBI's report on the examination of the note for their investigation into possible obstruction of justice (Tab 58)

Evidence control receipt of "Foster Note" (Tab 63)

Report of Autopsy and Toxicologist's Report on Foster (Tab 66)

Copies of personal papers found in Foster's wallet (Tab 67)

Specimens personally delivered by SSA James Corby on April 5, 1994 (Laboratory Number 40405047 S QV RU):

Q33 Bullet (1)
Q34 Bullet (2)
Q35-Q40 Six cartridge cases (3)
Q41-Q42 Two bullets (4)
Q43 Cartridge case (5)
Q44 Bullet (6)
Q45 Cartridge case (7)
Q46 Bullet (8)
Q47 Bullet (9)
Q48 Bullet (10)
Q49 Bullet (11)
Q50-Q51 Two bullets (12)
Q52-Q53 Two cartridge cases (13)
Q54-Q55 Two cartridge cases (14)

- Q56-Q57 Two shotshell casings (14)
Q58 Bullet (14)
Q59 Miscellaneous items found at crime scene

Specimens personally delivered by Jim Bell on
April 12, 1994 (Laboratory Number 40413029 S QV):

ALSO SUBMITTED:

Report and notes of Carol Rosati, ATF Firearms
Identification Examiner

Disk with photos taken by Carlo Rosati, ATF Firearms
Identification Examiner

Specimens personally delivered by SSA William Colombell on
April 13, 1994 (Laboratory Number 40414002 S/D QV QW WP AL):

- Q60-Q72 Thirteen autopsy photographs of VINCENT FOSTER
Q73-Q86 Copies of fourteen death scene photographs of VINCENT
FOSTER

ALSO SUBMITTED:

Roll of film taken at crime scene by Dr. Luke

Specimens delivered by Dr. James Luke on April 21, 1994
(Laboratory Number 40422001 S QV QW):

- Q87 Copy of photo of Items 1, 2, 3
Q88-Q92 Copies of five polaroids taken at scene by Sgt.
Edwards
Q93-Q100 Copies of eight polaroids taken at scene by Officer
Simonello
Q101-Q113 Copies of thirteen polaroids taken during autopsy by
Dr. Beyer
Q114-Q127 Fourteen 35mm photos taken during autopsy by
Dr. Beyer

Result of examination:

FIREARMS:

Specimen Q2 is a .38 Special caliber cartridge case of Remington manufacture which was identified as having been fired in the K1 revolver. Several pieces of ball smokeless powder were removed from the Q2 cartridge case in the Laboratory.

Specimen Q1 is a .38 Special caliber cartridge of Remington manufacture which is loaded with a round-nosed lead bullet. The Q1 cartridge and the Q2 cartridge case are similar in caliber type and manufacturer and bear similar "R-P .38 Spl HV" headstamps. The bullet was removed from the Q1 cartridge in the Laboratory.

The K1 revolver functioned normally when test fired in the Laboratory. The trigger pulls (single action and double action) were normal for the K1 revolver.

One piece of ball smokeless powder was removed from the Q3 glasses in the Laboratory. This piece of ball smokeless powder could have been deposited on the Q3 glasses from the cylinder blast or muzzle blast of the K1 revolver when fired. Ball smokeless powder was also removed from the Q30 paper in the Laboratory.

When the Q8 shirt was received in the Laboratory, the resultant color reaction for a positive reaction for the sodium rhodizonate test was apparent. This reaction was positive for vaporized lead and very fine particulate lead; it was noted on the front of the Q8 shirt. This type of reaction is consistent with the type of reaction expected when a firearm is discharged in close proximity to this portion of the shirt. It is consistent with muzzle blast or cylinder blast from a revolver like the K1 revolver using ammunition like specimens Q1 and Q2.

Subsequent chemical processing of the Q8 shirt in the Laboratory revealed lead residues in a small area near the sixth button from the collar on the front of the Q8 shirt. This reaction could have been caused by contact with a source of lead residues. Lead residues were also detected on the underside of the edge of the collar on the left side of the Q8 shirt. This small area of lead residues could have been caused by the discharge of a firearm consistent with the positive reaction noted above when the Q8 shirt was received in the Laboratory.

Apparent gunshot residue (smoke) was noted in the Q60, Q112, Q125, Q126 and Q127 photographs on the side of the right forefinger and web area of the victim's right hand. These residues are consistent with the disposition of smoke from muzzle blast or cylinder blast when the K1 revolver is fired using ammunition like that represented by specimens Q1 and Q2 when this area of the right hand is positioned near the front of the cylinder or to the side of and near the muzzle.

The mark on the inside of the right thumb which is visible in the Q60 photograph is consistent with a mark produced by the trigger of the K1 revolver when this portion of the right thumb is wedged between the front of the trigger and the inside of the front of the trigger guard of the K1 revolver when the trigger rebounds (moves forward). The trigger of the K1 revolver automatically rebounds when released after firing (single or double action) or whenever the trigger is released after it is moved to the rear. This mark is consistent with the position of the right thumb of the victim in the trigger guard of the revolver in the Q77, Q79 and Q97 photographs.

The position of the victims hand in the Q77, Q79 and Q97 photographs relative to the revolver and the apparent deposition of gunshot residue (smoke) visible in the Q60, Q112, Q125, Q126 and Q127 photographs is consistent with, but not limited to, the following position of the right hand during firing: Pulling the trigger of the K1 revolver with the right thumb, single or double action, or having the right thumb inside the trigger guard with the web area and side of the right forefinger near the front of the cylinder.

Based on differences in caliber, bullet type and/or the rifling impressions present in these bullets, specimens Q33, Q34, Q41, Q42, Q44, Q47, Q48, Q49, Q51 and Q58 can be eliminated as having been fired from the K1 revolver or they are dissimilar to the type of bullet loaded into the Q1 cartridge.

Specimens Q35 through Q40, Q43, Q45 and Q52 through Q57 are dissimilar to the type of ammunition components represented by specimens Q1 and Q2 and those commonly fired in the K1 revolver.

METALLURGY:

Based on metallurgical examinations, the Q46 and Q50 bullets, if exposed to the ambient environment from which they were recovered for the duration of their deformed life, were exposed for a period of time significantly exceeding nine months.

CHEMICAL ANALYSES:

The K3 blood contains trazodone, diazepam and nordiazepam at 0.06 micrograms per milliliter (ug/ml), 0.01 ug/ml and 0.04 ug/ml, respectively. The concentration of these drugs is below recognized therapeutic levels.

No drugs were identified in the K2 hair. Inasmuch as this laboratory has limited knowledge of drugs other than cocaine and morphine in hair, no conclusions should be drawn from the fact that the drugs found in the blood were not found in the hair.

Ball-shaped gunpowder was identified on the Q3 eyeglasses and the Q30 paper and in the scrapings from Q8, Q9 and Q31. This gunpowder is physically and chemically similar to the gunpowder identified in the Q2 cartridge case. One flattened ball-shaped gunpowder particle and one perforated disk-shaped gunpowder particle physically different from the gunpowder identified in the Q2 cartridge case was identified in the scrapings from Q12-Q15, and Q31B, respectively. The flattened ball-shaped gunpowder particle from the Q12 through Q15 scrapings is not consistent with having originated from a fired cartridge.

No ball-shaped gunpowder was identified on the tissue samples from the inside of FOSTER'S mouth, when examined at the Office of the Medical Examiner for Northern Virginia.

BLOODSTAIN PATTERN EXAMINATIONS:

Specimens Q8 through Q10, Q12 through Q15 and Q60 through Q127 as well as the ALSO SUBMITTED documentation was examined in an effort to determine any information of value through a study of the bloodstain patterns present. It is to be noted that a study of the above evidence alone cannot substitute for an in-person examination of the original/unaltered incident scene. The following observations were made:

Photographs of the victim at the incident scene depict apparent blood stains on his face and the right shoulder of his dress shirt. The staining on the shirt covers the top of the shoulder from the neck to the top of the arm and consists of saturating stains typical of having been caused by a flow of blood onto or soaking into the fabric. The stains on his face take the form of two drain tracks and one larger contact stain. Contact bloodstaining occurs when an object bearing wet blood comes in contact with an unstained object, leaving blood on the latter. The drain tracks extend from the right corner of the victim's mouth back toward and below the right ear and from the right nostril over the right cheek toward the temple area and above the right ear. The victim's body is depicted at the scene in a supine position with his face looking generally straight up, and the head not turned to either side. While the exact positioning of the victim's head relative to the ground and the contour of the ground itself are not known, the draining tracks suggest his head was tipped back slightly when the draining of blood occurred.

The contact stain on the right cheek and jaw of the victim is typical of having been caused by a blotting action, such as would happen if a blood-soaked object was brought in contact with the side of his face and taken away, leaving the observed pattern behind. The closest blood-bearing object which could have caused this staining is the right shoulder of the victim's shirt. The quantity, configuration and distribution of the blood on the shirt and the right cheek and jaw of the victim are consistent with the jaw being in contact with the shoulder of the shirt at some time. The available photographs depict the victim's head not in contact with the shirt and therefore indicate that the head moved or was moved after being in contact with the shoulder. The specific manner of this movement is not known.

An examination of the clothing of the victim disclosed extensive bloodstaining over the Q8 shirt and Q9 T-shirt which is inconsistent with that observed at the scene on specimen Q8. It should be noted, however, that during the normal course of such scene investigations, movement of the victim at or from the scene by investigative or medical personnel may result in stain patterns not specifically relevant to reconstruction of the original events surrounding the incident. Photographs taken before and after such actions often display apparent inconsistencies when attempts are made to relate the stain patterns to the incident itself.

SEROLOGICAL ANALYSES:

Grouping tests conducted on the K3 blood sample and the human blood identified on the below-listed specimens disclosed the following:

K3	"PGM 2-2+, Hp 2, Gc 1F1S"
Q8	"PGM 2-2+"
Q9	"PGM 2-2+, Hp 2, Gc 1F1S"

Attempts to further characterize Q8 were inconclusive. Human blood, too limited in amount for conclusive grouping purposes, was identified on Q11A. Blood, too limited in amount for conclusive origin determination, was identified on Q15. A preliminary chemical test for the presence of blood was positive on a stain of human origin on Q10; however, the presence of blood could not be confirmed. A preliminary chemical test for the presence of blood was positive on stains on Q4A and Q11; however, the presence of blood could not be confirmed due to a limited amount of stain. No blood was identified on Q3, Q4, Q5, Q12 through Q14, Q30 or K1.

Semen was identified on Q10. No semen was identified on Q4, Q4A, Q5, Q8, Q9 or Q11.

DNA ANALYSIS:

DNA DQ alpha types as listed were detected for the following specimens:

<u>Specimens</u>	<u>DNA DQ alpha Type</u>
K3 (FOSTER)	2,4
K1 (Muzzle portion of barrel)	2,4
Q6F (envelope flap)	
Q6F (stamp)	3,4

Based on the DNA DQ alpha results, the source of K3 is included as a potential contributor to the DNA detected in specimen K1. The estimated percentage of selecting an unrelated individual at random from the population having DQ alpha type 2,4 as detected in specimens K3 and K1, is approximately 6 percent of Caucasians, 8 percent of Blacks and 8 percent of Hispanics.

Based on the DNA DQ alpha results, the source of K3 is excluded as a potential contributor to the DNA detected on specimens Q6F.

There was insufficient DNA for DNA DQ alpha analysis on specimens Q3, Q6E, Q23, Q24 and Q29.

No DNA examinations were conducted on specimens Q6A through Q6D and Q30.

HAIRS AND FIBERS:

Blonde to light brown head hairs of Caucasian origin which are dissimilar to the head hairs in the K2 known head hair sample from Vincent Foster were found in the debris removed from the Q9 T-Shirt, the Q11 through Q11A pants and belt and the Q12 through Q15 socks and shoes. These hairs have been mounted on glass microscope slides and will be preserved for possible future comparisons.

No other hairs which were dissimilar to the known hairs of the deceased and which were suitable for significant comparison purposes were found in the debris from specimens Q4, Q5, Q8 through Q15 or Q31 through Q31C.

Carpet type fibers of various colors were found in the debris from specimens Q4, Q5, Q8, Q10 through Q15, Q31B and Q31C. These colors include white, tan, gray, blue, red and green. These fibers will also be preserved for possible future comparisons. It was also noted that a number of red/dark pink wool fibers were found in the debris from specimens Q9, Q12 through Q15, Q31A and Q31C. The sources of these wool and carpet fibers or their possible significance is unknown to the Laboratory.

No apparent damage, i.e. cuts, tears abraded areas or missing buttons, was noted on the Q4, Q5 or Q8 through Q15 clothing items.

OPTICAL EXAMINATIONS:

The wire frame, dark lens glasses, specimen Q17, are non-prescription Ray-Ban sunglasses. There are subtle indentations on the earpieces, an indication of chewing/biting.

The frames and nose pad appear bent, likely due to damage rather than an intentional adjustment. Due to the type of glasses and the nature of their condition, no physical or visual characteristics of the wearer can be determined.

The second pair of glasses, Sanford Hutton frames, specimen Q18, has tinted prescription lenses:

Right eye	-300 sph +150 x 123 degrees (-150 sph -150 cyl x 33 degrees)
Left eye	-325 or -350 sph +50 x 90 degrees (-275 or -300 sph - 50 cyl x 180 degrees)

The pupillary distance (PD) is 73mm. The lenses are compound, the wearer is nearsighted and has an astigmatism in both eyes. The rose colored lenses were originally grey. The color change is due to sun exposure. Subtle indentations on the earpieces indicate chewing/biting.

The pair of glasses, specimen Q3, has prescription lenses:

Right eye	-125 sph -125 x 20 degrees (-250 sph +125 cyl x 110 degrees)
Left eye	-275 sph - 50 x 175 degrees (-325 sph +50 cyl x 85 degrees)

The PD is 71 mm. The wearer is nearsighted and has an astigmatism in both eyes. Subtle indentations on the earpieces indicate chewing/biting. Also, the earpieces on the Q3 glasses move very easily.

Given the large PD and the prescription of the lenses, the two prescription glasses, specimens Q18 and Q3, could have been worn by the same individual. The small numerical differences regarding the lenses are not significant and could be the result of analytical error when examining the patient, medications taken by the patient concurrent with their examination, analytical error when preparing the lenses or any combination thereof.

MINEROLOGY:

The clothing and the paper on which the clothes were dried, specimens Q4, Q5, Q8 through Q15 and Q31, respectively, did not contain coherent soil. However, a few, small particles of mica were observed in the debris from the clothes the

victim was wearing when he was found by law enforcement authorities, specimens Q8 through Q15, and the drying paper, specimen Q31. The presence of a few, small particles of mica on these specimens is reasonable given the micaceous soil found at the crime scene. Debris recovered from the victim's jacket and tie, specimens Q4 and Q5, found in the victim's car, did not contain like mica.

DOCUMENT:

Indented writing in the wording "VU Parking Ticket" was observed on the back of the Q6b "Ty Tippet" business card.

No other indented writing was observed on specimens Q6, Q16, Q19 through Q22, Q28, and Q29.

PHOTOGRAPHIC:

The 35mm color negatives (Q32) were examined to locate frames for photographic enhancement. The selected frames (5, 6, 7, 8, 9, 10, 17, 18) were printed using Kodak Ultra print paper to produce maximum image detail. Due to the negatives having been underexposed during the photographic process, limited detail could be extracted from each of the selected frames.

KEY EXAMINATIONS:

Specimen Q7 consists of a key ring containing four keys, a plastic tab and a metal tag with the inscription:

THANK YOU
COOK JEEP SALES
Little Rock, Ark.
Ph 374-4848

Examination of the four keys determined they are consistent with the type of keys utilized in door and cabinet locks.

The Q7A key bears the inscription. "U.S. PROPERTY DO NOT DUPLICATE" and has Medeco type cuts. Such cuts indicate that this key was intended for use in high security locks.

The Q7B key is of the type utilized in double bitted cam locks which are used for cabinet drawers, vending machines, lock boxes, etc.

The Q7C and the Q7D keys are conventionally cut keys which are utilized in standard door locks.

FINGERPRINT:

You will be separately advised concerning the results of the requested latent fingerprint examinations.

ADMINISTRATIVE/DISPOSITION:

RFLP DNA examinations are continuing on specimens K3 and Q10 and will take several weeks to complete. You will be advised of the results of those examinations as soon as they are completed.

The photographs produced during the above-mentioned photographic examinations of specimen Q32 and specimen Q32 were returned to SSA Larry Monroe on May 9, 1994.

Specimens Q60 through Q72, Q73 through Q86 and the negatives, photographs and slides produced from the ALSO SUBMITTED film from Laboratory Number 40414002 S QV QW WP AL and specimens Q101 through Q127 were returned to SSA Colombell on May 3, 1994. You will be separately advised concerning the disposition of the remaining submitted specimens.



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

To: ADIC, Washington Metropolitan Field Office
Date: June 13, 1994

FBI File No. 29D-LR-35063

Lab No. 40525002 S QV WP ZG VY
ZZ

Reference: Also submitted communication received May 25, 1994

Your No. 29D-LR-35063

Re: MOZARK
MAJOR CASE #106

OO: Little Rock

Specimens received: May 25, 1994

Specimens personally delivered by SSA Larry Monroe on
May 25, 1994:

ALSO SUBMITTED:

Note regarding issues being posed to obtain
clarification or observations in regard to
May 9, 1994 Laboratory Report

Result of examination:

Reference is made to the FBI Laboratory report dated
May 9, 1994, submitted in connection with this case.

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FIREARMS:

Issue No. 1 in the ALSO SUBMITTED note relates to the positive color reaction for vaporized lead and fine particulate lead which was noted on the front of the Q8 shirt when it was received in the Laboratory. As noted in the referenced report, the presence of these gunshot residues (vaporized lead and fine particulate lead) is consistent with firing a firearm in close proximity to this portion of the Q8 shirt. Further, it was noted that the presence of these gunshot residues was consistent with the muzzle blast or cylinder blast which was noted when the K1 revolver was fired using ammunition like that represented by specimens Q1 and Q2. It cannot be concluded that the K1 revolver produced these gunshot residues; however, they are consistent with the cylinder blast or the muzzle blast which would be produced if the K1 revolver was fired in close proximity to the front of the Q8 shirt.

Issue No. 2 in the ALSO SUBMITTED note related to the finding of one piece of ball smokeless powder on the Q3 glasses when examined in the Laboratory. No determination can be made as to the position of the Q3 glasses at the time of death. It is noted, however, that ball smokeless powder can be deposited down range from the muzzle of a firearm when fired (muzzle blast) and to the sides of the front of the cylinder (cylinder blast) when a revolver is fired. It is noted in the referenced report that this piece of ball powder could have been deposited on the Q3 glasses from the cylinder blast or muzzle blast of the K1 revolver when fired. Also, in the referenced report, it was noted that the earpieces on the Q3 glasses move very easily.

CHEMICAL ANALYSES:

It was previously reported that no ball-shaped gunpowder was identified on the tissue samples from the inside of FOSTER'S mouth, when examined at the Office of the Medical Examiner for Northern Virginia. Inasmuch as these tissue samples were prepared in a way which is not conducive to retaining unconsumed gunpowder particles, these findings are not unexpected. Also, unconsumed gunpowder particles are different from residue of gunpowder. The FBI Laboratory findings are not inconsistent with the Pathologists' Report relating to a suicide finding in which the muzzle of the firearm was in FOSTER'S mouth.

To determine if a person could have been shot by a particular firearm, the gunpowder from a fired cartridge case can be compared with gunpowder from a victim. It was previously reported that ball-shaped gunpowder was identified on the Q3 eyeglasses and in the scrapings from Q8, Q9, Q30 and Q31. This gunpowder is physically and chemically similar to the gunpowder identified in the Q2 cartridge case. One flattened ball-shaped gunpowder particle and one perforated disk-shaped gunpowder particle physically different from the gunpowder identified in the Q2 cartridge case was identified in the scrapings from Q12 through Q15, and Q31B, respectively. The flattened ball-shaped gunpowder particle from the Q12 through Q15 scrapings is not consistent with having originated from a fired cartridge. The significance of these findings is that approximately 20 gunpowder particles from Q3, Q8, Q9, Q30 and Q31, which are consistent with being deposited from the muzzle/cylinder blast of the K1 revolver when fired, matched the gunpowder from the Q2 cartridge case and that only two particles did not match and that one of the two was not consistent with having originated from a fired cartridge. Also, the one which was consistent with coming from a fired cartridge was found on a piece of paper used to dry FOSTER'S clothes. The source of these two particles is unknown; however, they are not likely associated with this investigation.

SEROLOGICAL ANALYSES:

The following information is provided regarding the processing of the specimen K1 .38 Special caliber Colt revolver, Serial Number 355055, for the presence of blood on April 22, 1994 in the FBI Laboratory:

A visual examination of K1 did not reveal the presence of any stains consistent with blood on the exterior surfaces of the weapon. The presence or absence of saliva on a specimen such as K1 cannot be determined by a visual examination.

The entire surface area of K1 was not subjected to chemical testing for the presence of blood or saliva inasmuch as K1 was to be subsequently processed in the FBI Laboratory for the presence of latent fingerprints and DNA. A general swabbing of the entire surface of K1 for the presence of blood or saliva could remove and/or destroy latent fingerprints and/or DNA. Therefore, only limited areas on the outer and inner surfaces of the barrel were selected and subjected to chemical testing for the presence of blood with negative results.

It is also pointed out that the inability to detect blood or saliva on a specimen such as K1, does not preclude subsequent DNA testing.

Specimen K1 appeared to have been previously processed for latent fingerprints prior to receipt by the FBI Laboratory. It should be noted that the processing of K1 for latent fingerprints prior to receipt by the FBI Laboratory could have removed, degraded and/or obscured any blood that may have been initially present to the extent that subsequent visual examination and chemical testing for the presence of blood by the FBI Laboratory would yield negative results.

DNA ANALYSES:

The following information is provided regarding the examination of item K1 for the presence of DNA by DQ alpha analysis.

Item K1 was examined for the presence of human DNA. The exterior circumference of the barrel was swabbed from the bore area to a distance of 5 cm extending from the muzzle end. Human DNA was extracted from the swab and type as DQ alpha type 2, 4. This is consistent with the DQ alpha type of the victim FOSTER.

Human DNA is contained within almost cells within the human body. These cells can be carried in many body fluids such as blood, saliva, urine or semen (in males). DNA from cells contained in the blood of an individual would be the same as DNA taken from cells contained in that individual's saliva. The DNA analysis conducted on item K1 is specific for human DNA. This test cannot determine if the source of the DNA was blood or saliva.

MINERALOGY:

Mica was recovered from the individual specimens Q8 through Q10. Specimens Q11 and Q11a, pants and belt, respectively, were packaged together. Mica was observed on the pants prior to scraping them. Both specimens were scraped together given that they were packaged together. Mica was also observed in the collective scraping of these specimens. Specimens Q12 through Q15, shoes and socks, were packaged together. Hence, these specimens were scraped together and the collective debris examined. Mica was observed in the collective debris.

Specimens Q4 and Q5, jacket and tie, were packaged together and scraped accordingly. No mica was observed in the collective debris.

Specimens Q31 through Q31c, the paper on which the clothes were dried, were packaged together. Accordingly, observed mica in the debris cannot be attributed to a specific specimen.

ADMINISTRATIVE:

The response to the issues in the ALSO SUBMITTED note relating to the fingerprint examination (Issue No. 6) and the death scene search (Issue No. 7) will be reported separately.



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

To: ADIC, WMFO

Date: May 9, 1994

FBI File No. 29D-LR-35063

Lab No. E-2700

Reference: Specimens received March 24, 1994

Your No. 29D-LR-35063

Re: MOZARK;
MAJOR CASE 106

Specimens received: April 15, 1994 in Latent Fingerprint Section

Specimens:

- Q2, cartridge case
- Q3, eyeglasses (processed prior to receipt)
- Q6, miscellaneous papers
- Q7, key ring
- Q16, map
- Q17 and Q18, two pairs of glasses
- Q19, card
- Q20, piece of paper
- Q21, box of checkbooks
- Q22, card
- Q23, bottle
- Q24, can
- Q25, pack of cigarettes
- Q26, bottle of Kaopectate

(Continued on next page)

1 - WMFO (175B-WF-187743)

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May 9, 1994

Continuation of specimens:

Q27, corkscrew

Q28, miscellaneous items from ashtray

K1, .38 caliber Colt Revolver, bearing serial number 355055
(processed prior to receipt)

The results of the other requested forensic examinations and the disposition of the specimens will be furnished in a separate report.

The specimens were examined and eight latent fingerprints and one latent palm print of value were present or developed on the underside of a pistol grip removed from K1, a business card, two envelopes and a greeting card, parts of Q6.

Seven latent fingerprints are not the fingerprints of VINCENT WALKER FOSTER, JR., FBI #740702RA9. The remaining latent fingerprint (side area) was compared with the available fingerprints of FOSTER, but no identification was effected. Clearly and completely recorded inked impressions of the side areas of the fingers and palm prints are necessary for conclusive comparisons.



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

To: ADIC, WMFO

Date: June 9, 1994

FBI File No. 29D-LR-35063

Lab No. E-2700

Reference: Communication and list of issues raised by the Independent
Counsel dated May 26, 1994

Your No. 29D-LR-35063

Re: MOZARK;
MAJOR CASE 106;
FAG-SBA; FIF

Specimens received: May 31, 1994 in Latent Fingerprint Section

Specimens:

Q131, fingerprint card of VINCENT W. FOSTER, JR.

The results of the other requested forensic examinations and the disposition of the specimen will be furnished in a separate report.

Nine latent fingerprints previously reported in the captioned case are not the fingerprints of FOSTER. The remaining latent fingerprint (side area) was compared with the available fingerprints of FOSTER, but no identification was effected. Clearly and completely recorded inked impressions of the side areas of the fingers and palm prints are necessary for conclusive comparisons.

(Continued on next page)

1 - Little Rock

June 9, 1994

The following statement is in response to the supplemental request of the Independent Counsel for commentary as to why FOSTER's prints were not found on the weapon:

After I received K1, pistol, I examined it for latent prints by visual examination, laser, cyanoacrylate, laser dye, and appropriate fingerprint powders. No latent prints were detected on the exterior surface of the weapon. Upon removing the grips from the weapon, one latent fingerprint was visible on the underside of the right pistol grip, approximately two inches from the base of the grip.

Generally, the determining factors in leaving latent prints are having a transferable substance, i.e., sweat, sebaceous oil or other substance on the fingers, and having a surface that is receptive to receiving the substance that forms the latent prints. A clean, smooth, flat surface is most receptive for transfer of any substance from the fingers. Some reasons for the lack of these substances are an individual who does not perspire readily, or an individual who wipes or cleans the hands before touching an item, thus removing any substance from the fingers.

Certain atmospheric conditions that an item is subjected to before discovery of that item, such as outside heat, rain, snow, etc., could destroy any latent prints on that item. In addition if an item is not protected from excessive handling or friction, latent prints could also be destroyed, thereby causing no latent prints to be detected or developed.

Please call Specialist L. G. HUPP, (202) 324-6937, if you have any questions concerning the result of the latent print examination.



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

Date: June 17, 1994

To: ADIC, Washington Metropolitan Field Office

FBI File No. 29D-LR-35063

Lab No. 40602045 S/D QV UD
40617025 D UD

Reference: Communications dated June 1, 1994 and June 16, 1994

Your No. 29D-LR-35063

Re: MOZARK;
MAJOR CASE #106
OO: LITTLE ROCK

Specimens received: June 2, 1994

Specimens received under cover of communication dated June 1, 1994 (40602045 D UD)

K5 One photocopied sheet of paper bearing the known handwriting of VINCENT FOSTER

RESUBMISSION OF Q1 (30730011 D UD) AND K4 (40525017 D UD)

Specimens received under cover of communication dated June 16, 1994 (40617025 D UD)

K6 Handwriting sample bearing the purported known writing of VINCENT FOSTER

Results of examination:

It was determined that the handwriting on the previously submitted note designated Q29 in Laboratory report dated May 9, 1994 (Lab #40324038 S/D QV ZG WK UD WP AL QW ZT VY ZZ and AR) was written by VINCENT FOSTER, whose known writings

Page 1
Enclosures (2)

(over)

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are designated K4 (previously submitted and assigned Lab #40525017 S/D QV ZG UD and VY), K5 (previously submitted and assigned Lab #40602045 S/D QV UD) and K6 (assigned Lab #40617025 D UD).

K5 and K6 are returned herewith. The disposition of Q29 and K4 will be reported separately. Appropriate photographs have been made.

CURRICULUM VITAE

Personal Data:

Name: Charles S. Hirsch, M.D.

Birth: March 30, 1937 Chicago, Illinois

Address: (Home)
300 East 75th Street, Apt. 25K
New York, N.Y. 10021
(212) 628-6182

(Office)
Office of Chief Medical Examiner
520 First Avenue
New York, N.Y. 10016
(212) 447-2034

Marital Status: Married, 1 Child

Undergraduate Education:

University of Illinois, Urbana, 1954-58, B.S. (with High Distinction)

Medical Education and Post Graduate Training

Medical School: University of Illinois College of Medicine, Chicago
1958-62 (Alpha Omega Alpha).

Internship: Rotating Intern, University Hospitals of Cleveland, 1962-
1963

Residency: Anatomic Pathology, Institute of Pathology, Case Western
Reserve University, Cleveland, 1963-65.

Fellowships: Neuropathology: Central Anatomic Laboratory, Department
of Mental Hygiene at the Office of the Chief Medical
Examiner, Baltimore, Maryland, 1965-66.

Forensic Pathology: Office of the Chief Medical Examiner,
Baltimore, Maryland, 1966-67.

Military Service:

U.S. Air Force Medical Corps, 1967-69, honorably discharged (USAF Commendation Award, 1969).

Certifications:

National Board of Medical Examiners, Parts, I, II, III.
American Board of Pathology in Anatomic Pathology (May 1968)
and Forensic Pathology (May 1969)

Licensure:

State of Ohio, 1963.
State of New York, 1984.

Current Positions:

Chief Medical Examiner, City of New York (1989-)
Professor and Chairman, Department of Forensic Medicine and Professor of
Pathology, New York University Medical School (1989 -)
Adjunct Professor of Pathology, Cornell University Medical College (1989-).

Former Positions:

Associate Pathologist and Deputy Coroner, Cuyahoga County
Coroner's Office, Cleveland, Ohio (1969-79).
Associate Professor of Forensic Pathology, Case Western
Reserve University School of Medicine, Cleveland,
Ohio (1976-79), Assistant Professor of Forensic
Pathology (1971-76), Instructor in Forensic Pathology
(1969-71).
Director of Forensic Pathology, Hamilton County Coroner's Office,
Cincinnati, Ohio (1979-1985).
Professor of Pathology, University of Cincinnati College of Medicine,
(1979-1985)
Chief Medical Examiner, Suffolk County, New York (1985-1988).
Professor of Forensic Pathology, SUNY Medical School at Stony
Brook, New York (1985-88).

Medical Societies and Organizations:

American Society of Clinical Pathologists
College of American Pathologists
American Academy of Forensic Sciences
National Association of Medical Examiners
Alpha Omega Alpha
American Medical Association
New York State Medical Society

Other Professional Activities:

American Society of Clinical Pathologists:

Council on Forensic Pathology (1975-1980) (1985-87).
Program Committee (1983-87).
Planning and Scope Committee (1983-86).
Director or Codirector of workshops regularly presented
at national meetings since 1975.
Prelector, Forty-seventh Annual Anatomic Pathology
Slide Seminar (1981).

College of American Pathologists:

Committee on Forensic Pathology, (1969-1985, Chairman
1980-1984).
National Autopsy Data Bank Committee (1982-84).
Committee on Alcohol and Traffic Safety (Chairman,
1983).
Director and participant in numerous seminars presented
at national and regional meetings since 1970.

President, Cleveland Society of Pathologists (1975-1976).

Board of Editors, American Journal of Clinical Pathology
(1976-1982).

Board of Editors, American Journal of Forensic Medicine and
Pathology (1980-1992).

Board of Editors, Pathologist (1981-1985).

Board of Editors, Human Pathology (1988-).

Board of Editors, Journal of Forensic Sciences (1993-).

The American Board of Pathology:

Forensic Pathology Examination Committee (1974-1980).

Trustee Designate (1980-).

Trustee (1981-1992).

Secretary (1988).

Vice President (1989-1990).

President (1991).

Elected Life Trustee, 1993

Recipient of "The Golden Apple," University of Cincinnati
Medical School (1980).

Commencement Speaker, University of Cincinnati Medical School
(1983).

Recipient of the CCE Commissioner's Medal of the American
Society of Clinical Pathologists, 1989

Fellow, New York Academy of Medicine (1989-)
Board of Trustees (1991-)

Publications:

1. Hirsch, C.S., Adelson, L.: Absence of Carboxyhemoglobin in Flash Fire Victims, *JAMA* 210: 2279-80, 1969.
2. Hirsch, C.S.: The Format of the Medicolegal Autopsy Protocol. *Am. J. Clin. Pathol.* 55:407-409, 1971.
3. Hirsch, C.S., Martin, D.L.: Unexpected Death in Young Epileptics. *Neurology* 21:682-690, 1971.
4. Hirsch, C.S.: Dermatopathology of Narcotic Addiction. *Human Pathol.* 3: 37-53, 1972.
5. Hirsch, C.S., Adelson, L.: Acute Fatal Intranasal Narcotism. *Human Pathol.* 3:71-73, 1972.
6. Hirsch, C.S., Rushforth, N.B., Ford, A.B., Adelson, L.: Homicide and Suicide in a Metropolitan County: I Long-Term Trends. *JAMA* 223: 900-905, 1973.
7. Hirsch, C.S., Adelson, L.: Ethanol in Sequestered Hematomas. *Am. J. Clin. Pathol.* 59: 429-433, 1973.
8. Levine, L.H., Hirsch, C.S., White, L.W.: Quinine Cardiotoxicity, A Mechanism for Sudden Death in Narcotic Addicts. *J. Forensic Sci.* 18:167-172, 1973.
9. Adelson, L., Hirsch, C.S.: Sudden and Unexpected Death from Natural Causes in Adults. Spitz, W.U., Fischer, R.S. (eds.): Medicolegal Investigation of Death. Springfield, Charles C. Thomas, 1973, pp. 85-115.
10. Hirsch, C.S., Valentour, J.C., Adelson, L., Sunshine, I: Unexpected Ethanol in Drug Intoxicated Persons. *Postgraduate Medicine* 54: 53-57, 1973.
11. Hirsch, C.S., Chang, A.H., Hoffman, G.L.: Sudden and Unexpected Death in Hemoglobin S C Disease. *J. Forensic Sci.* 19:43-47, 1974.
12. Rushforth, N.B., Hirsch, C.S., Ford, A.B., Adelson, L.: Accidental Firearm Fatalities in a Metropolitan County. *Am. J. Epidemiol.* 100: 499-505, 1974.

13. Hirsch, C.S.: The Confusing Crash. ASCP Forensic Pathology Check Sample, No. FP-79, 1975.
14. Moritz, A.R., Morris, R.C., Hirsch, C.S.: Handbook of Legal Medicine, ed. 4, C.V. Mosby Co., Saint Louis, 1975.
15. Hirsch, C.S., Kaufman, B.: Contrecoup Skull Fractures. J. Neurosurg. 42:530-534, 1975.
16. Hirsch, C.S., Roessman, U.: Arterial Dysplasia with Ruptured Basilar Artery Aneurysm. Human Pathol. 6: 749-758, 1975.
17. Hirsch, C.S., Adelson, L.: The Naked Skeleton. ASCP Forensic Pathology Check Sample, No. FP-85, 1976.
18. Hirsch, C.S., Adelson, L.: A Suicidal Gunshot Wound of the Back. J. Forensic Sci 21 659-666, 1976.
19. Hirsch, C.S.: Autopsy in a Medical-Legal Case. Practical Reviews in Pathology, Vol. 1, No. 12, 1976.
20. Hirsch, C.S.: Head Injury. Workshop syllabus prepared for the American Society of Clinical Pathologists, 1977.
21. Hirsch, C.S.: Sudden, Unexpected Death. Practical Reviews in Pathology, Vol. 2, No 1, 1977.
22. Hirsch, C.S.: The Dismembered Mummy. ASCP Forensic Pathology Check Sample, No. FP-91, 1977.
23. Adelson, L., Hirsch, C.S.: Physical Agents in Causation of Injury and Disease. In Anderson WAD and Kissane J.M.: Pathology, ed. 7, pp. 199-236, C.V. Mosby Co., Saint Louis, 1977.
24. Rushforth, N.B., Ford, A.B., Hirsch, C.S., Rushforth, N.M. and Adelson, L.: Violent Death in a Metropolitan County: Changing Patterns in Homicide (1958-1974). N. Eng. J. Med. 297: 531-538, 1977.
25. Hirsch, C.S., Bost, R.O., Gerber, S.R., Cowan, M.E., Adelson, L., and Sunshine, I.: Carboxyhemoglobin Concentrations in Flash Fire Victims. Report of Six Simultaneous Fire Fatalities Without Elevated Carboxyhemoglobin. Am. J. Clin. Pathol. 68: 317-320, 1977.

26. Adelson, L., Hirsch, C.S., and Schroeder, O.J., Jr.: Fetal Homicide Victims of Maternally Sustained Violence. The Law-Medicine Center, Case Western Reserve University, Cleveland, Ohio, 1977.
27. Hirsch, C.S.: Forensic Toxicology: Role of the Pathologist. Thoma, J.J., Bondo, P.B. and Sunshine, I. (eds): Guidelines for Analytical Toxicology Programs. Cleveland, CRC Press, 1977, pp. 53-57.
28. Fisher, R.S. and Petty, C.S. (eds): Forensic Pathology. A Handbook for Pathologists. Washington, D.C., U.S. Government Printing Office (Stock Number 027-000-0054-1), 1977.
 - A) Francisco, J.T. and Hirsch, C.S.: Sudden Infant Death Syndrome (Crib Death), pp. 83-86.
 - B) The Forensic Pathology Committee, College of American Pathologists: Rape, pp. 92-99.
 - C) Lukash, L.I. and Hirsch, C.S.: The neck, pp. 119-122.
 - D) Eckert, W.G. and Hirsch, C.S.: Drowning, pp. 129-132.
 - E) Hirsch, C.S.: Shotgun Wounds, pp. 144-150.
 - F) Hirsch, C.S.: Drug Deaths by Injection, pp. 168-171.
29. Adelson, L., Faust, J.L., Hirsch, C.S., Schroeder, O.C., and Scott, D.B.: Medicine, Dentistry and Law: A Partnership for Criminal Justice: Identification of the Murder Victim. The Law-Medicine Center, Case Western Reserve University, Cleveland, Ohio, 1977.
30. Hirsch, C.S. and Adelson, L.: The Case of the Telltale Bone Fragment: Little Things Mean a Lot. ASCP Forensic Pathology Check Sample, N. FP-96, 1978.
31. Hirsch, C.S. (Editor and Committee Chairman): Forensic Pathology Professional Self-Assessment Program, Series III. American Society of Clinical Pathologists, Chicago, Illinois, 1979.
32. Ford, A.B., Rushforth, N.B., Rushforth, N., Hirsch, C.S., and Adelson, L.: Violent death in a Metropolitan County: II. Changing Patterns in Suicides (1959-1974). Am. J. Public Health 69:459-464, 1979.
33. Hirsch, C.S., Morris, R.C., and Moritz, A.R.: Handbook of Legal Medicine, ed. 5, C.V. Mosby Company, Saint Louis, 1979.

34. Zumwalt, R.E. and Hirsch, C.S.: Evaluation of Fatal Child Abuse. Workshop syllabus prepared for the American Society of Clinical Pathologists, 1979.
35. Hirsch, C.S. and Thompson, R.D.: The Prolapsing Mitral Valve Syndrome: A Case of Sudden, Unexpected Death. ASCP Forensic Pathology Check Sample, No. FP-106, 1979.
36. Curran, W.J., McGarry, A.L., and Petty, C.S. (eds.): Modern Legal Medicine, Psychiatry and Forensic Sciences, F.A. Davis Company, Philadelphia, Pennsylvania, 1980.
 - A) Hirsch, C.S.: Chapter 6, Medicolegal Autopsy: Practical Perspectives, pp. 129-138.
 - B) Hirsch, C.S.: Chapter 49. The Role of the Pathologist in Chemically Induced Death Cases, pp. 1119-1131.
37. Hirsch, C.S. and Dix, J.D.: The Homicide that Wasn't. ASCP Forensic Pathology Check Sample, No. FP-108, 1980.
38. Cebelin, M.S., Hirsch, C.S.: Human Stress Cardiomyopathy. Human Pathol. 11: 123-132, 1980.
39. Tomashefski, J.F., Jr., Hirsch, C.S.: P The Pulmonary Vascular Lesions of Intravenous Drug Abuse. Human Pathol. 11: 133-145, 1980.
40. Dawson, S.L., Hirsch, C.S.: Lucas, F.V., Sebek, B.A.: The Contrecoup Phenomenon. Human Pathol. 11:155-156, 1980.
41. Zumwalt, R.E., Hirsch, C.S.: Subtle Fatal Child Abuse. Human Pathol. 11: 167-174, 1980.
42. Tomashefski, J.F., Jr., Hirsch, C.S., Jolly, P.N.: Microcrystalline Cellulose Pulmonary Embolism and Granulomatosis. Arch. Pathol. Lab. Med. 105:89-93, 1981.
43. Hirsch, C.S., Dawson, S.L., Zumwalt, R.E.: Bathtub Submersion: Is it Drowning? ASCP Forensic Pathology Check Sample, No. FP 81-2 (FP-115), 1981.

44. Zumwalt, R.E., Hirsch, C.S., Parrott, C.L., van der Bel-Kahn, J.: Sudden Death in Familial Endocardial Fibroelastosis. ASCP Forensic Pathology Check Sample, No. FP 82-1 (FP-120), 1982.
45. Parrott, C.L., Hirsch, C.S., Zumwalt, R.E., Roberts, S.M.: Fatal Acetaminophen-induced Liver Injury. ASCP Forensic Pathology Check Sample, No. FP 82-2. (FP-121), 1982.
46. Petty, C.S., Davis, J.H., and Hirsch, C.S.: Scientific Death Investigation: Proceedings of the Forty-seventh Annual Anatomic pathology Slide Seminar of the American Society of Clinical Pathologists. ASCP Press, Chicago, 1983.
47. Tornheim, P.A., Liwnicz, B.H., Hirsch, C.S., et. al.: Acute Responses to Blunt Head Trauma: Experimental Model and Gross Pathology, J. Neurosurg. 59: 431-438, 1983.
48. Stone, K.M., Zumwalt, R.E., Staneck, J.L., Hirsch, C.S.: Fatal Toxic Shock Syndrome. ASCP Forensic Pathology Check Sample, No. FP 83-5 (FP-130), 1983.
49. Hirsch, C.S.: Forensic Pathology and the Autopsy. Arch. Pathol. Lab. Med. 108: 484-89, 1984.
50. Hirsch, C.S.: Talking to the Family After an Autopsy. Arch. Pathol. Lab. Med. 108: 513-14, 1984.
51. Zumwalt, R.E., Hirsch, C.S.: Death During Hospital Restraint. ASCP Forensic Pathology Check Sample, No. FP 84-3 (FP-134), 1984.
52. Walter, .E. Hirsch, C.S., and Zumwalt, R.E.: Never Say Never: Negligible Carboxyhemoglobin in the Victim of a Smoldering Mattress Fire. Am. J. Forensic Med. Pathol. 5: 239-244, 1984.
53. Stewart, R.V., Zumwalt, R.E., Hirsch, C.S., and Kaplan, L.: Postmortem Diagnosis of Myocardial Disease by Enzyme Analysis of Pericardial Fluid. Am. J. Clin. Pathol. 82: 411-417, 1984.
54. Hirsch, C.S. and Zumwalt, R.E.: Injuries Caused by Physical Agents. In Kissane, J.M. (ed.): Anderson's Pathology, ed. 8, pp. 113-146, C.V. Mosby Co., Saint Louis, 1984.

55. Angermeier, P., Zumwalt, R.E., Hirsch, C.S.: No Anatomic Cause of Death. ASCP Forensic Pathology Check Sample, No. FP 85-4 (FP-141), 1985.
56. Richardson, J.K. and Hirsch, C.S.: Sudden Unexpected Death due to "Pineal Apoplexy." Am. J. Forensic Med. Pathol. 7: 64-68, 1986.
57. Hirsch, C.S. and Zumwalt, R.E.: The "Empty Heart" Sign. Am. J. Forensic Med. Pathol. 7: 112-114, 1986.
58. Zumwalt, R.E. and Hirsch, C.S.: Medicolegal Interpretation of Gunshot Wounds. Am. J. Emerg. Med. 5, 133-139, 1987.
59. Wright, W.K. and Hirsch, C.S.: The Physician Assistant as Forensic Investigator. J. Forensic Sci. 32: 1059-1061, 1987.
60. Zumwalt, R.E. and Hirsch, C.S.: Pathology of Fatal Child Abuse and Neglect. In Helfer, R.E. and Kempe, R.S.: The Battered Child, ed. 4, pp. 247-285, University of Chicago Press, Chicago, Ill., 1987.
61. Huser, C.J. and Hirsch, C.S.: Homicidal Commotio Cordis. ASCP Forensic Pathology Check Sample, No. FP 87-6 (FP-155), 1987.
62. Huser, C.J. and Hirsch, C.S.: Sudden Cardiac Death Caused by Hypertension Independent of Coronary Atherosclerosis. ASCP Forensic Pathology Check Sample, No. FP 88-6, 1988.
63. Adams, V.I. and Hirsch, C.S.: Venous Air Embolism from Head and Neck Wounds. Arch. Pathol. Lab. Med.: 113, 498-502, 1989.
64. Hirsch, C.S. Lester Adelson, M.D., A Tribute. Am. J. Forensic med. Pathol. 10: 261-263, 1989.
65. Barnard, J.J. and Hirsch, C.S.: Which Came First, the Rupture or the Impact? ASCP Forensic Pathology Check Sample, No. FP 89-5 (FP-166), 1989.
66. Hirsch, C.S. and Zumwalt, R.E.: Injuries Caused by Physical Agents. In Kissane, J.M. (ed.): Anderson's Pathology, ed. 9, pp. 111-145, 1989.
67. Hirsch, C.S. Anniversary Discourse: The Office of the Chief Medical Examiner. Bull. N.Y. Acad. Med. 65: 821-827, 1989.

68. Hirsch, C.S. Craniocerebral Trauma, in Froede, R.C., ed. Handbook of Forensic Pathology, Northfield, Illinois, College of American Pathologists, 1990, pp. 182-190.
69. Marzuk, P.M., Tardiff, K., and Hirsch, C.S.: The epidemiology of murder-suicide. JAMA 267: 3179-3183, 1992.
70. Hirsch, C.S. and Adams, V.I.: Sudden and Unexpected Death from Natural Causes in Adults. Spitz, W.U. Spitz and Fisher's Medicolegal Investigation of Death, Ed. 3. Charles C. Thomas, Springfield, Illinois, pp. 137-174, 1993.
71. Adams, VI and Hirsch, CS. Trauma and Disease. Spitz, WU. Spitz and Fisher's Medicolegal Investigation of Death, Ed 3. Charles C. Thomas, Springfield, Illinois, pp. 175-198, 1993.
72. Marzuk PM, Tardiff K, Hirsch CS, et. al. Increase in Suicide by Asphyxiation in New York City After the Publication of Final Exit. N Engl J Med 1993; 329:1508-1510.

Curriculum Vitae

James L. Luke, M.D.

Address/
Telephone 4218 Silverwood Lane
Bethesda, Maryland 20816
(301) 229-1010

Date of Birth August 29, 1932

Married Marcia Gene Alley, October 5, 1957

1. Education and Professional Training

College Yale University 1950-1952
New Haven, Connecticut

Columbia University 1956 (B.S.)
New York City, New York

Medical School School of Medicine 1960 (M.D.)
Case-Western Reserve University
Cleveland, Ohio

Internship Laboratory of Pathology 1960-1961
Yale University School of Medicine
Yale-New Haven Hospital
New Haven, Connecticut

Residency Institute of Pathology 1961-1963
University Hospitals and
Case-Western Reserve University
Cleveland, Ohio

Military Service Staff Researcher 1963-1965
Laboratory of Experimental Pathology
National Institute of Arthritis and
Metabolic Diseases
National Institutes of Health
Bethesda, Maryland
(Surgeon, U.S. Public Health Service)

II. Employment

1965-1967 Associate Medical Examiner, City of New York,
Office of the Chief Medical Examiner
520 First Avenue
New York City, New York

Assistant Professor
Department of Legal Medicine
New York University School of Medicine

1967-1971 Chief Medical Examiner*, State of Oklahoma

Professor of Forensic Pathology
Department of Pathology
University of Oklahoma School of Medicine
Oklahoma City, Oklahoma

Director, Forensic Pathology Residency
Training Program

1971-1983 Chief Medical Examiner*, District of Columbia
Office of the Chief Medical Examiner
19th Street and Massachusetts Avenue, S.E.
Washington, D.C. 20003

Director, Forensic Pathology Residency
Training Program

1971-1986 Clinical Professor of Pathology
Medical Schools of Georgetown, George
Washington and Howard Universities
Washington, D.C.

1983-1986 Distinguished Scientist
Armed Forces Institute of Pathology
Washington, D.C. 20306

1987-1989 Chief Medical Examiner, State of Connecticut
Office of the Chief Medical Examiner
11 Shuttle Road
Farmington, Connecticut 06032

Professor of Pathology, Professor of
Laboratory Medicine
School of Medicine
University of Connecticut Health Center
Farmington, Connecticut 06032

* As the first Chief Medical Examiner, planned and implemented medical examiner system

Present Director, AFIP Breast Implant Project
 Department of Environmental and Toxicologic
 Pathology
 Armed Forces Institute of Pathology
 Washington, D.C. 20306

 Forensic Pathologist
 Investigative Support Unit
 Federal Bureau of Investigation
 FBI Academy
 Quantico, Virginia 22135

 Security Clearance: Top Secret

 Clinical Professor of Pathology
 George Washington University School of
 Medicine

 Clinical Professor of Pathology
 Georgetown University School of Medicine

III. Certification/Associations

Specialty Boards: Diplomat, National Board of Medical
 Examiners (1961)

 Certified by the American Board of
 Pathology in Anatomic (1965) and
 Forensic (1967) Pathology

State Medical Licenses: Ohio, New York, California,
 Oklahoma, District of
 Columbia*, Connecticut

*Active

Societies, Associations and Honors:
(In Chronological Order)

- *Chamberlain Greek Prize, Yale University (1950)
- *American Academy of Forensic Sciences, Fellow (1965-Present)
- *Physicians for Automotive Safety, Consultant (1965-1971)
- *Law-Science Academy of America, Fellow (1966-1968)
- *National Association of Medical Examiners, Member
(1966-Present)
- *Oklahoma County Medical Society, Member (1967-1971)

- *Oklahoma State Association of Pathologists, Member
(1967-1971)
- *American Society for Investigative Pathology
(formerly American Association of Pathologists, American
Association of Pathologists and Bacteriologists), Member
(1967-Present)
- *Chairman, Ad Hoc Committee on Forensic Pathology, Committee
on Pathology of the Division of Medical Sciences, National
Research Council (1968)
- *Distinguished Faculty Award - by the University of Oklahoma
School of Medicine Student Council (1968)
- *Medicolegal Committee, Oklahoma County Medical Society and
Oklahoma State Medical Association (1967-1971)
- *Committee on Training in Forensic Pathology, National
Institute of General Medical Sciences, National Institutes
of Health (1969)
- *Policy Committee, American Academy of Forensic Sciences
(1969-1973)
- *Executive Committee, National Association of Medical
Examiners (1970-1972)
- *Medical Advisory Board, National Sudden Infant Death
Syndrome Foundation (1972-1983)
- *Visiting Faculty, National Naval Medical Center, Naval
Medical Command, Bethesda, Maryland (1973-1987)
- *Criminal Justice Consultant, National Institute of Law
Enforcement and Criminal Justice, U.S. Department of
Justice (1974-1981)
- *Editorial Board, Journal of Forensic Sciences (1979-1993)
- *Board of Directors, National Association of Medical
Examiners (1982-1985)
- *Consultant on Forensic Pathology, National Cancer Institute,
National Institutes of Health, Bethesda, Maryland (1985-
1986)
- *Forensic Pathology Consultant to the Special Counsel
Appointed by the Mayor to Investigate the Office of the
Chief Medical Examiner of the City of New York (1985)

- *Consultant, National Coroner/Medical Examiner Data Surveillance System, Centers for Disease Control, U.S. Public Health Service (1987-Present)
- *Member, Forensic Sciences Operation and Planning Committee, FBI Academy (1987-Present)
- *Member, Program Committee, International Symposium on the Forensic Aspects of Mass Disasters and Crime Scene Reconstruction, FBI Academy (1989-1990)
- *Chairman, Task Group on the Office of the Chief Medical Examiner, Transition Committee on Human Services, Mayoral Transition Committee, District of Columbia (1990)
- *Board of Editors, American Journal of Forensic Medicine and Pathology (1992-Present)
- *Forensic Pathology Consultant to the United States General Accounting Office Review of the Human Remains Identification Process at the U.S. Army's Central Identification Laboratory in Hawaii (CILHI) (1992)
- *Associate Editor, Journal of Forensic Sciences (1992-Present)

IV. Major Presentations

1. Training and Education in Forensic Pathology.
Presented to the Committee on Pathology of the Division of Medical Sciences, National Research Council, National Academy of Sciences.
J. L. Luke, Chairman, Ad Hoc Committee on Forensic Pathology, Chicago, Illinois, November, 1968.
2. J. L. Luke. The Status of Forensic Pathology in the United States Today.
Submitted to the Pathology Training Committee of the National Institute of General Medical Sciences, National Institutes of Health, Bethesda, Maryland, March, 1969.
3. J. L. Luke. The State of the Art: Forensic Pathology.
Presented to the First Plenary Session of the American Academy of Forensic Sciences, Chicago, Illinois, February, 1970.
4. J. L. Luke. Some Considerations Regarding the Establishment of a Forensic Sciences Center for the State of Connecticut.
Presented to the Commission on Medicolegal Investigations of the State of Connecticut, Hartford, Connecticut, March, 1970.

5. J. L. Luke and Kurt M. Dubowski. Some Considerations Regarding the Establishment of an Institute of Forensic Medicine at the University of Oklahoma Medical Center. Presented to the Vice President for Medical Center Affairs, University of Oklahoma Medical Center, Oklahoma City, Oklahoma, September, 1970.
6. J. L. Luke. Some Considerations Relative to the Enhancement of Certain Aspects of the Criminal Justice System of the District of Columbia: A Proposal. Presented to the Mayor's Criminal Justice Coordinating Board and the Metropolitan Washington Council of Governments, Washington, D. C., January, 1972.
7. J. L. Luke. The Medical Examiners Office of the District of Columbia: Current Status and Goals. Presented to the Mayor's Criminal Justice Coordinating Board, Washington, D. C., January, 1972.
8. J. L. Luke. Introductory Remarks Relative to the Creation of an Institute/Center of Forensic Sciences for the District of Columbia. Presented at the Metropolitan Washington Council of Governments to the First Planning Session of the Institute, Washington, D. C., March, 1972.
9. J. L. Luke. Milton Helpern, M. D. Presented to the Testimonial Dinner on the occasion of Dr. Milton Helpern's 70th birthday. The Waldorf Astoria, New York City, New York, April, 1972.
10. J. L. Luke. The Role of Forensic Pathology in the Criminal Justice System. Presented to the National Institute of Law Enforcement and Criminal Justice, Washington, D. C., March, 1973.
11. J. L. Luke. Academic and Forensic Medicine: Strange Bedfellows with Unconsummated Potential. The Smith-Reed-Russell Medical Honor Society Lecture, The George Washington University School of Medicine, Washington, D. C., March, 1973.
12. J. L. Luke. Alcohol Abuse as Seen from the Medical Examiner's Perspective. Presented to the American Medical Association Conference on Medical Complications of Alcohol Abuse. Washington, D. C., October, 1973.

13. J. L. Luke. Alcohol Abuse from the Medical Examiners Office Perspective.
Presented at the Superior Court of the District of Columbia Judicial Seminar on Alcohol and Drugs, Hershey, Pennsylvania, October, 1980.
14. J. L. Luke. Contemporary Problems and Needs in the Forensic Science Field: Forensic Pathology.
Presented at the Forensic Science Seminar, FBI Academy, Quantico, Virginia, March, 1982.
15. J. L. Luke. Some Considerations Regarding the Establishment of an Armed Forces Medical Examiners System.
Presented to the Director, Armed Forces Institute of Pathology (AFIP), Washington, D. C., March, 1984.
16. J. L. Luke. The Role of the Forensic Pathologist in Homicide Investigation.
National Teleconference on Practical Aspects of Homicide Investigation. The Law Enforcement Satellite Training Network. Co-sponsored by the Federal Bureau of Investigation and the Kansas City, Missouri, Police Department, Kansas City, Missouri, October, 1986.
17. J. L. Luke. Investigation of the Crash of Air Florida Flight 90.
International Symposium on the Forensic Aspects of Mass Disasters and Crime Scene Reconstruction, Forensic Science Research and Training Center, FBI Academy, Quantico, Virginia, June, 1990.
(Moderator, Plenary Session IV and Special Session on the Lockerbee, Scotland, Air Disaster).
18. J. L. Luke. Pathological and Biophysical Effects of Implanted Breast Prostheses.
Presented to the Board of Trustees, American Registry of Pathology, Armed Forces Institute of Pathology, Washington, D.C., June, 1993.

V. Publications

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2. J. L. Luke, R. P. Bolande and S. Gross. Generalized Aspergillosis and Aspergillus Endocarditis in Infancy. Pediatrics, 31: 115-122, 1963.

3. J. L. Luke and S. S. Spicer. Histochemistry of Surface Epithelial and Pleural Mucins in Mammalian Lung. Lab. Investigation, 14: 2101-2109, 1965.
4. J. L. Luke, B. K. Wetzel and C. S. Greenblatt. Incorporation of H3TDR into Nucleus and Kinetoplast of Crithidia Sp. as Demonstrated Quantitatively by Electron Microscopic Autoradiography. (Work Completed). National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, 1965.
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15. J. L. Luke. Carbon Monoxide Poisoning - The Silent Killer. Bulletin, Oklahoma County Medical Society, December, 1968.
16. J. L. Luke. Requirements of Forensic Pathology. Letter to the Editor, New Eng. J. Med., 278: 1178, 1968.
17. J. L. Luke. The Oklahoma State Medical Examiner System, Semi-Urban, Semi-Rural Legal Medicine in a University Setting. J. Forensic Sciences, 14: 147-156, 1969.
18. J. L. Luke. Homicidal Asphyxia - The Subtle Killer. Bulletin, Oklahoma County Medical Society, February, 1969.
19. J. L. Luke. Recovery of Intact Respiratory Epithelium from a Cloth Pillow Case Four Days Following Its Utilization as a Smothering Instrument. J. Forensic Sciences, 14: 398-401, 1969.
20. J. L. Luke. Certification of Death by Coroner. Letter to the Editor, New Eng. J. Med., 280: 1364, 1969.
21. C. E. Wiggins and J. L. Luke. The Pathology, Diagnosis and Medical-Legal Aspects of Death by Drowning. J. Oklahoma Med. Assn., 63: 3-7, 1970.
22. C. S. Snow and J. L. Luke. The Oklahoma City Child Disappearances of 1967: Forensic Anthropology in the Identification of Skeletal Remains. J. Forensic Sciences, 15: 125-153, 1970.
23. J. L. Luke, C. S. Petty and W. Q. Sturner. The Status of Forensic Pathology in the United States Today. Forensic Science Gazette, Vol. I, No. 3, 3-8, 1970.
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25. J. L. Luke. Book Review. Handbook of Legal Medicine by Alan R. Moritz and R. Crawford Morris, Third Edition, St. Louis, The C. V. Mosby Co., 1970, J. Oklahoma Med. Assn., 63: XIX, 1970.
26. J. L. Luke. The Pathology, Diagnosis and Certain Medical-legal Aspects of Death by Homicidal Smothering in Adults. Legal Medicine Annual - 1971, Edited by Cyril H. Wecht, M.D., J.D., New York, Appleton-Century-Crofts, pp. 29-43, 1971.

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30. J. L. Luke. Ombudsman of Death. Chapter of book to be published on the occasion of the 70th birthday of Dr, Milton Helpern, Appleton-Century-Crofts, 1972-1973.
31. J. L. Luke. Heroin Addiction. Letter to the Editor, New Eng. J. Med., 286: 1219, 1972.
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42. J. L. Luke. Sleeping Arrangements of Sudden Infant Death Syndrome Victims in the District of Columbia - A Preliminary Report. J. Forensic Sciences, 23: 379-383, 1978.
43. L. Riddick and J. L. Luke. Alcohol-Associated Deaths in the District of Columbia - A Postmortem Study. J. Forensic Sciences, 23: 493-502, 1978.
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46. W. C. Roberts, W. J. Brownlee, A. A. Jones and J. L. Luke. The Sucking Action of the Left Ventricle: Demonstration of a Physiological Principle by a Gunshot Wound Penetrating Only the Right Side of the Heart. American Journal of Cardiology, 43: 1234-1237, 1979.
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51. M. Bray, J. L. Luke and B. D. Blackbourne. Vitreous Humor Chemistry in Deaths Associated with Rapid Chilling and Prolonged Fresh Water Immersion. J. Forensic Sciences, 28: 588-593, 1983.
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57. J. L. Luke, A. Farb, R. Virmani, and R. H. B. Sample. Sudden Cardiac Death During Exercise in a Weightlifter Using Anabolic Androgenic Steroids: Pathological and Toxicological findings. J. Forensic Sciences, 35: 1441-1447, 1990.
58. J. L. Luke. The Shortage of Organs for Transplantation. Letter to the Editor. New Eng. J. Med., 326: 1025, 1992.
59. J. L. Luke and D. T. Reay. The Perils of Investigating and Certifying Deaths in Police Custody. Am. J. Forensic Med. Pathol., 13(2): 98-100, 1992
60. J. L. Luke. The Medical-Legal Investigation of the Crash of Air Florida Flight 90, Washington, D.C., January 13, 1982. Proceedings of the International Symposium on the Forensic Aspects of Mass Disasters and Crime Scene Reconstruction, pages 53-57, U.S. Government Printing Office, 1993, ISBN # 0-932115-11-X.

61. J. L. Luke. "Disadvantaged' Medical Examiner Systems. Some Thoughts on Maintaining Standards Worthy of the Public We Serve. Editorial, Am. J. Forensic Med, Pathol. In Press

CURRICULUM VITAE

PERSONAL:

Donald T. Reay	Date of Birth:	14 May 1937
10800 12th N.W.	Place of Birth:	Rock Springs, WY
Seattle, WA	Married: Judith	Children: 4

EDUCATION:

Undergraduate:	University of Notre Dame South Bend, Indiana	Bachelor of Science 1955-1959
Medical Education:	University of Utah Salt Lake City, Utah	Doctor of Medicine 1959-1963
Internship:	University of Utah Salt Lake City, Utah	Med-Path Intern 1963-1964
Residency:	University of Utah & Holy Cross Hospital Salt Lake City, Utah	AP-CP Resident 1964-1967
Fellowship:	Cleveland Clinic Cleveland, Ohio	Forensic Pathology 1967-1968
Graduate:	Seattle University Seattle, Washington	Masters in Public Administration 1978

BOARD CERTIFICATION:

Anatomic and Clinical Pathology:	May 1969
Forensic Pathology:	May 1970

LICENSE TO PRACTICE:

Washington 1973

Previous Licensure: Utah, Wyoming

MILITARY SERVICE:

Active Duty USAF	Lt. Col.	1968 to 1973
USA Reserve	Colonel	Commander 6250 Hospital Aug 1989 to Present
Active Duty USA 11 Jan 91 to 12 Apr 91 Operation Desert Storm		Madigan Army Medical Center

MEMBERSHIP IN MEDICAL AND SCIENTIFIC SOCIETIES:

American Society of Clinical Pathology (Fellow)
American Academy of Forensic Science (Fellow)
Washington Society of Pathologists
National Association of Medical Examiners
Pacific Northwest Society of Pathologists
King County Medical Society
Washington State Medical Association
American Medical Association
Canadian Society of Forensic Sciences
College of American Pathology (Fellow)
American Association of Military Surgeons
International Wound Ballistics Association

OFFICES IN MEDICAL/SCIENTIFIC SOCIETIES:

Association of Military Surgeons of the United States: Editorial Board	Appointed 1991
Journal of Forensic Sciences: Editorial Board	Appointed 1990
National Association of Medical Examiners: a) President	(1987-1988)
b) Chairman, Board of Directors	(1988-1989)
c) Board of Directors & Executive Committee	(1981-1989)
d) Pro-Tem Secretary Treasurer	(1988-1989)
Washington State Society of Pathologists:	Past President (1981-1983)

American Board of Pathology:
Forensic Test Committee (1981-1986)

Washington State Medical Association: Interspecialty Committee
Past Member

American Journal of Forensic Medicine & Pathology:
Editorial Board (1980-1989)

American Society of Clinical Pathologists:
Forensic Council - Continuing Medical Education Committee
(1984 to 1990)

American Society of Clinical Pathologists:
Committee - In-service Examination for AP Residents
(1984)

COMMITTEE AND PUBLIC POLICY BOARDS:

DNA Fingerprinting Technical Advisory Committee Chairman, King County,
1988

DNA Identification Oversight Committee, (Appointed by Governor), 1989

Governor's Death Investigation Council, January 1984, Chairman - 1986 to
present

Forensic Committee, College of American Pathologists 1989 - Present

King County Executive's Committee to study use of force in detention facilities
December 1983

Mayor's Committee on drunk drivers - August 1983 - 1984

Corrections Standard Board Advisor, Olympia, Washington - 1981

Washington State Medical Association Committee on drunk driving - 1983

Executive Committee, King County Medical Society - Anti-Drinking and
Driving Committee - 1985

Recombinant DNA Committee, University of Washington - 1985 - 1986

Serial Murder Multi-Agency Investigation Team Project - Texas Criminal
Justice Center - Sam Houston State University 1986

Executive Committee, Harborview Injury Prevention Center June 1986 to present

MAJOR POSITIONS:

Chief Medical Examiner King County, Seattle, Washington	1 Nov 1975 to present
Deputy Chief Medical Examiner King County, Seattle, Washington	17 Dec 1973 to 1 Nov 1975
Chief, Department of Pathology USAF Academy USAF Academy Hospital	15 Jul 1972 to 15 Dec 1973
Senior Specialist in Histopathology RAF Institute of Pathology and Tropical Medicine	RAF Halton Bucks, Eng. 15 Jul 1970 to 1 Jul 1972
Chief, Accident Pathology Branch Armed Forces Institute of Pathology, Wash, DC and Registrar, Registry of Accident Pathology	Aug 1968 to 15 Jul 1970

ACADEMIC - RESEARCH - OTHER POSITIONS:

Professor of Pathology, University of Washington, Seattle, Washington	1 Jul 1991 to present
Associate Professor of Pathology, University of Washington, Seattle, Washington	1 Jul 1983 to present
Assistant Professor of Pathology, University of Washington, Seattle, Washington	1 Mar 1974 to 1 Jan 1983
Clinical Faculty, School of Health Sciences of Seattle Pacific University, Seattle, Washington	1 Jun 1979 to 1 Jun 1980
Course Director, Annual Death Investigation Seminar University of Washington, Seattle, Washington	Biennial
Police Instructor, Police Standards Council, Sitka, Alaska	May 1978 to May 1982

Instructor, Criminal Justice Training Commission, State of Washington	1978 to present
Instructor, Washington State Patrol Academy, Shelton, Washington	1980 to present
Lecturer in Forensic Medicine, USAF Academy Colorado	Jul 1972 to Dec 1973
AFIP Consultant, National Highway Safety Bureau Dept. of Transportation, Washington, DC	Oct 1970 to 15 Jul 1973
Universities Associated for Research Scientist and Education in Pathology, AFIP Associate	1 Jan 1969 to 15 Jul 1970
Skylab Medical Recovery Team, Missions III & IV, NASA-USAF	1972 - 1973
Member, NATO Committee on Traffic Safety Wolfsberg, Germany	Sep 1968

PUBLICATIONS:

Reay, D.T., Weissman, N., and Carnes, W.H.: Effects of elastase digestion and formic acid extraction on aortas from copper-deficient pigs, Fed. Proc. 22:161, 1963

Weisman, N., Reay, D.T., Coulson, W.F. and Carnes, W.H.: Elastin content of aorta determined by elastase digestion and formic acid extraction, Lab. Invest. 14:372, 1965

Adelson, L., Huntington, R.W., and Reay, D.T.: "A Prisoner is Dead". Police 13:49, 1968

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Reay, D.T. and Hazelwood, R.: Death in military police custody and confinement, Milit. Med. 135:342, 1970

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Reay, D.T.: Accident Pathology, USAF Med. Serv. Dig. 21:15, Nov 1970

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Reay, D.T.: Policies, procedures and structure. January 1977: Deaths under the jurisdiction of the Medical Examiner. February 1977: Natural death and the Medical Examiner. March 1977: When a Medical Examiner's autopsy is performed. April 1977: Release of autopsy examination. May 1977: The Medical Examiner and deaths in the emergency room. July 1977: Violent death in King County 1979: November 1980; Bulletin of King County Medical Society

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- Reay, D.T.: The investigation of sudden and violent death, University of Washington Medicine, Vol. 5, No. 4:3-10, Winter 1978
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- Reay, D.T.: Forensic Medicine. Encyclopedia of Science and Technology 5th Edition, Fall 1980
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- Reay, D.T. and Eisele, J.W.: Deaths from law enforcement neck holds, Am. J. For. Med. & Path., 3:253-258, September 1982
- Reay, D.T. and Halloway, G.A.: Changes in carotid blood flow produced by neck compression, Am. J. For. Med. & Path., 3:199-202 September 1982
- Eisele, J.W., Bonnell, H.J., and Reay, D.T.: Boot top fractures in pedestrians: A forensic masquerade, Am. J. For. Med. & Path., 4:181-184, June 1983

- Reay, D.T. and Mathers, R.L.: Physiological effects of neck holds, FBI Law Enforcement Bulletin, pp 12-15, July 1983
- Reay, D.T. and Eisele, J.W.: Sexual abuse and death of an elderly woman by fisting, Am. J. For. Med. & Path., 4:347-349, December 1983
- Eisele, J.W. and Reay, D.T.: Ethanol in sequestered hematomas: Quantitative evaluation, Am. J. Clin. Path., 81:352-355, 1983
- Reay, D.T., Insalaco, S.J. and Eisele, J.W.: Postmortem methemoglobin levels and their significance, J. For. Sci., 29:1160 1163, October 1984
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- Reay, D.T., Eisele, J.W., Ward, R., Horton, W., and Bonnell, H.J.: A procedure for the investigation of anesthetic/surgical deaths. J. For. Sci., 30:-822-827, July 1985
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- Kellerman, A. and Reay, D.T.: Protection or Peril?: An analysis of firearm-related deaths in the home. NEJM., 314:1557-1560, June 1986.
- Reay, D.T., Haglund, W.D., Bonnell, H.J.: Wah Mee Massacre: The Murder of Thirteen Chinese Adults in a Seattle Gambling Club. J For. Med. & Path., 7(4):330-336, 1986
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- Reay, D.T. & Fligner, C.L.: Cause of Death (letter) JAMA 22:3253, 1987.
- Reay, D.T., Howard, J.D., Fligner, C.L., & Ward, R.J.: Effects of Positional Restraint on Oxygen Saturation and Heartrate Following Exercise. Am. J. For. Med. & Path., 9(1):16-18, 1988.
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- Haglund, W.D., Reay, D.T., & Swindler, D.R.: Canid Scavenging/ Disarticulation Sequence of Human Remains in the Pacific Northwest, J. For. Sci., 34:587-606, May 1989.
- Rivara, F.P., Reay, D.T., & Bergman, A.B.: Analysis of Fatal Pedestrian Injuries in King County, WA, and Prospects for Prevention, Public Health Reports, Vol. 104, No. 3:293-297, May-June 1989.

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- Haglund, W.D, Reay, D.T., & Tepper, S.L.: Identification of Decomposed Human Remains by Deoxyribonucleic Acid (DNA) Profiling, J. For. Sci., 35:724-729, May 1990.
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- Tepper, S.L., Fligner, C.L., & Reay, D.T.: Atlanto-occipital Disarticulation: Accident Characteristics. Am. J. For. Med. & Path., 11(3): 193-197, 1990.
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- Haglund, W.D., Reay, D.T., & Fligner, C.L.: Death Notification. Am. J. For. Med. & Path., 11(4): 342-347, 1990.
- Kellermann, A.L., Rivara, F.P., Banton, J., Reay, D.T., Fligner, C.L.: Validating Survey Responses to Questions About Gun Ownership Among Owners of Registered Handguns. Am. J. Epidemiol., 131:1080-4, 1990.
- Loebel, J.P., Reay, D.T., et al: Anticipation of Nursing Home Placement May be a Precipitant of Suicide among the Elderly. JAGS, 39:407-408, 1991.
- Haglund, W.D. & Reay, D.T.: Use of Facial Approximation Techniques in Identification of Green River Serial Murder Victims. Am. J. For. Med. & Path., 12(2): 132-142, 1991.
- Reay, D.T., Fligner, C.L., Stilwell, A.D., & Arnold, J.: Positional Asphyxia During Law Enforcement Transport. Am. J. For. Med. & Path., 13(2):90-97, 1992.

- Luke, J.L. & Reay, D.T.: The Perils of Investigating and Certifying Deaths in Police Custody. Am. J. For. Med. & Path., 13(2):98-100, 1992.
- Kellermann, M.D., Rivara, F.P., Somes, G, Reay, D.T., Francisco, J., Banton, J.G., Prodzinski, Fligner, C.L., & Hackman, B.B.: Suicide in the Home in Relation to Gun Ownership. NEJM, 327(7):467-472, 1992.
- Michaud, M.D., Rivara, F.P., Grady, M.S., & Reay, D.T.: Predictors of Survival and Severity of Disability after Severe Brain Injury in Children. Neurosurgery, Vol 31, No 2. August, 1992
- Haglund, W.D. & Reay, D.T.: Problems of Recovering Partial Human Remains at Different Times and Locations: Concerns for Death Investigators. J. For. Sci., Vol 38, No 1. January, 1993
- Kellermann, A.L., Rivara, F.P., Rushforth, N.B., Banton, J.G., Reay, D.T., et al: Gun Ownership as a Risk Factor for Homicide in the Home. NEJM, Vol 329, No 15. October, 1993
- Reay, D.T., Cohen, W., & Ames, S.: Injuries Produced by Judicial Hanging: A Case Report. Am. J. For. Med. & Path., Accepted for publication.

CURRICULUM VITAE

CHARLES J. STAHL, III, M.D.

PERSONAL INFORMATION

Date of Birth: 5 August 1930

Place of Birth: Philadelphia, Pennsylvania

Marital Status: Married - 20 November 1954
Ellen Baran Stahl

Children: Charles - [redacted]
Marcia - [redacted]
Kim - [redacted]

Home Address: 14105 Flint Rock Road
Rockville, Maryland 20853-2654

Office Address: The Armed Forces Medical Examiner
Armed Forces Institute of Pathology
Washington, DC 20306-6000

Social Security Number: [redacted]

EDUCATION

1944 - 1948 Souderton High School
Souderton, Pennsylvania

1948 - 1952 Ursinus College
Collegedale, Pennsylvania

1952 - 1956 The Jefferson Medical College
Philadelphia, Pennsylvania

Doctor of Medicine - 1956

1956 - 1957 U.S. Naval Hospital
Philadelphia, Pennsylvania

Rotating General Internship

1957 - 1961 U.S. Naval Hospital
Philadelphia, Pennsylvania
Residency in Anatomic and Clinical
Pathology

1962 - 1963 Armed Forces Institute of Pathology
Washington, D.C.
Residency in Forensic Pathology

MEDICAL LICENSURE

Commonwealth of Pennsylvania, Certificate No. MD-025879-L,
9 September 1957

State of New Jersey, Certificate No. 16837, 14 January 1959

State of Maryland, Certificate No. D10468, 16 November 1962

State of Tennessee, Certificate No. MD 12723, 10 July 1980

SPECIALTY CERTIFICATION, THE AMERICAN BOARD OF PATHOLOGY:

Anatomic and Clinical Pathology, 9 October 1961

Forensic Pathology, 2 April 1964

CONTINUING PROFESSIONAL EDUCATION:

- 1957 - 1962 Five day courses in continuing education for pathologists at the Armed Forces Institute of Pathology, Washington, D.C., as follows:
- | | |
|----------------------|-----------------------------|
| Forensic Pathology | Oral Pathology |
| Research Pathology | Histochemistry |
| Ophthalmic Pathology | Forensic Sciences Symposium |
- 1961 Radiation Control Course
Disaster Recovery Training Division
Naval Air Material Center
Philadelphia, Pennsylvania
- 1966 Federal Bureau of Narcotics Training School
Department of the Treasury
Washington, D.C.
- 1968 American Society of Clinical Pathologists
Miami, Florida:
Forensic Pathology Seminar
Clinical, Epidemiological and Forensic Aspects
of Pesticide Poisonings
- 1970 Advanced Ballistics Workshop for Medical Examiners,
University of Texas Southwestern Medical School
and Dallas County Medical Examiner's Office,
Dallas, Texas
- 1971 Command and Staff Seminar conducted for Bureau of
Medicine and Surgery, Department of the Navy, by
Naval Medical School and Naval School of Health Care
Administration, Warrenton, Virginia
- 1971 Professional Administration Development Seminar,
Phase I, Part A, conducted for College of American
Pathologists by the Management Education and Research
Division of BRET, Inc. at Boston, Massachusetts
- 1971 Applied Management Conference - Eight Steps Towards
Excellence, conducted at Armed Forces Institute of
Pathology, Washington, D.C. in conjunction with
Applied Management Science, Inc.
- 1972 Forensic Sciences Symposium, Armed Forces Institute
of Pathology, Washington, D.C.
- 1974 Ballistic Workshop conducted at the Southwestern
Institute of Forensic Sciences, Dallas, Texas
- 1974 Personnel Management for Executives, conducted by
Army Regional Training Center, DC-VA-MD Region at
Pikesville, Maryland, 13-22 March 1974

- 1975 Neuropathology, Postgraduate Course in Continuing Education, Armed Forces Institute of Pathology, Washington, D.C., 27-31 January 1975
- 1975 The Senior Line Manager Institute, Office of Civilian Manpower Management, Washington, D.C. 8-12 December 1975
- 1977 USAF Clinical Laboratory Symposium, Course Number 50Z0-9300-2, Williamsburg, Virginia, 4-6 October 1977
- 1977 Gynecologic Pathology, Postgraduate Course in Continuing Education, Armed Forces Institute of Pathology, Washington, D.C., 1-4 November 1977
- 1978 Army Medical Department Pathology Symposium, Fitzsimons Army Medical Center, Denver, Colorado, 18-19 April 1978
- 1978 College of American Pathologists, Laboratory Improvement Seminar, Denver, Colorado, 20 April 1978
- 1978 Perspectives in Management Seminar, National Naval Medical Center, Bethesda, Maryland, 14 June 1978
- 1978 USAF Clinical Laboratory Symposium, Course Number J50Z0-9300-2, Seattle, Washington, 9-11 October 1978
- 1978 Pediatric Pathology, Armed Forces Institute of Pathology, Washington, D.C., 30 October - 2 November 1978
- 1979 Forensic Sciences Foundation Continuing Medical Education Program in Forensic Pathology, Annual Meeting of the American Academy of Forensic Sciences, Atlanta, Georgia, 14-16 February 1979
- 1979 Gynecologic Pathology, Joint Annual Meeting of the Maryland and Washington Societies of Pathologists, 29 September 1979
- 1979 USAF Clinical Laboratory Symposium, Course Number 50Z09300-2, San Antonio, Texas, 16-18 October 1979
- 1980 Forensic Sciences Foundation Continuing Medical Education Program in Forensic Pathology, Annual Meeting of the American Academy of Forensic Sciences, New Orleans, Louisiana, 21-23 February 1980
- 1980 Continuing Medical Education Program, National Association of Medical Examiners, New Orleans, Louisiana, 20 February 1980
- 1980 20th Annual AFIP Lectures, Armed Forces Institute of Pathology, Washington, D.C., 27-29 May 1980

- 1980 Seminar in Surgical Pathology Problems of the ENT Area, Armed Forces Institute of Pathology, Washington D.C., 30 May 1980
- 1980 Seminar in the Histopathologic Diagnosis of Infectious Diseases, Armed Forces Institute of Pathology, Washington, D.C., 30 May 1980
- 1981 Continuing Medical Education Program, National Association of Medical Examiners, Los Angeles, California, 17 February 1981
- 1981 Forensic Sciences Foundation Continuing Medical Education Program, Annual Meeting of the American Academy of Forensic Sciences, Los Angeles, California, 18-20 February 1981
- 1982 Continuing Medical Education Program, National Association of Medical Examiners, Kissimmee, Florida, 8 February 1982
- 1982 Forensic Sciences Foundation Continuing Medical Education Program, Annual Meeting of the American Academy of Forensic Sciences, Kissimmee, Florida, 9-12 February 1982
- 1982 Laboratory Information: Managing for Productivity, Southeastern Regional Medical Education Center, Birmingham, Alabama, 5-6 May 1982
- 1982 Seminar in Laboratory Medicine, Veterans Administration Medical Center, Mountain Home, Tennessee, 16 July 1982
- 1983 Seminar on Forensic Medicine, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, Tennessee, 21 January 1983
- 1983 Continuing Medical Education Program, National Association of Medical Examiners, Cincinnati, Ohio, 15 February 1983
- 1983 Forensic Sciences Foundation Continuing Medical Education Program, Annual Meeting of the American Academy of Forensic Sciences, Cincinnati, Ohio, 16-19 February 1983
- 1983 Armed Forces Institute of Pathology Advanced Forensic Pathology Course, FBI Academy, Quantico, Virginia, 25-29 April 1983
- 1983 50th Annual Anatomic Pathology Slide Seminar, American Society of Clinical Pathologists, St. Louis, MO, 20-21 October 1983
- 1983 Continuing Medical Education Program, Annual Meeting of National Association of Medical Examiners, Williamsburg, Virginia, 14-17 November 1983

- 1984 Continuing Medical Education Program, Interim Meeting of National Association of Medical Examiners, Anaheim, CA, 21 February 1984
- 1984 Continuing Medical Education Program, Annual Meeting of the American Academy of Forensic Sciences, Anaheim, CA 22-25 February 1984
- 1984 24th International Conference on Legal Medicine, American College of Legal Medicine, Scottsdale, AZ, 10-13 May 1984
- 1984 Seminar on the Investigation of Sex Crimes, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, TN, 18 May 1984
- 1984 Workshop: Conducting Research in Medical Education, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, TN, 23 May 1984
- 1984 Spring Meeting, Southeastern Chapter, Society of Toxicology, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, TN, 1 June 1984
- 1984 First Tennessee Regional Sudden Infant Death Syndrome Community Conference, East Tennessee State University, Johnson City, TN, 7 June 1984
- 1984 Loss Prevention Seminar, State Volunteer Mutual Insurance Company, East Tennessee State University, Johnson City, TN, 17 October 1984
- 1984 The Growing Role of Law in the Practice of Medicine, American College of Legal Medicine Seminar at Annual Meeting of the Association of American Medical Colleges, Chicago, IL, 31 October - 1 November 1984
- 1985 Continuing Medical Education Program, 37th Annual Meeting of the American Academy of Forensic Sciences, Las Vegas, NV, 13-16 February 1985
- 1985 Legal Medicine, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, TN, 5 December 1985
- 1986 Continuing Medical Education Program, Trauma in the Living, Interim Meeting, National Association of Medical Examiners, New Orleans, LA, 11 February 1986
- 1986 Continuing Medical Education Program, Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA, 12-15 February 1986

- 1986 The Role of the Chief of Staff in a Changing VA Health Care Environment, North Central Regional Medical Education Center, Ann Arbor, MI, 9-11 September 1986
- 1986 Strategic Planning: Developing Interdependent Relationships, Veterans Administration Medical Center, Dayton, OH, 23-24 September 1986
- 1986 Continuing Medical Education Program, Annual Meeting, National Association of Medical Examiners, Tuscon, AZ, 18-22 November 1986
- 1987 Ethical Standards, Liability, and Informed Consent, USAF Medical Center, Wright-Patterson Air Force Base, OH, 30 January 1987 .
- 1987 Continuing Medical Education Program, Interim Meeting, National Association of Medical Examiners, San Diego, CA, 17 February 1987
- 1987 Continuing Medical Education Program, Annual Meeting, American Academy of Forensic Sciences, San Diego, CA, 18-21 February 1987
- 1987 Maximizing Facility Operations through Use of Planning, Resource Allocation Methodology, and Staffing, South Central Regional Medical Education Center, Norfolk, VA, 17-19 March 1987
- 1987 Liaison Conference, Mid-Atlantic Regional Medical Education Center, Williamsburg, VA, 16-19 June 1987
- 1987 Annual Meeting, National Association of Medical Examiners, San Francisco, CA, 18-23 September 1987
- 1987 Dynamic Partnership for the Future, National Conference of Directors and Chiefs of Staff, Washington, DC, 5-8 November 1987
- 1988 Interim Meeting, National Association of Medical Examiners, Philadelphia, PA, 16 February 1988
- 1988 Annual Meeting, American Academy of Forensic Sciences, Philadelphia, PA, 17-20 February 1988
- 1988 Hospital/Medical Staff Credentialing and Privileging, Mid-Atlantic Regional Medical Education Center, Columbus, OH, 15 March 1988

1988 Quality Health Care Management, Seventh Annual Executive Forum, Veterans Administration Medical Center Chillicothe, OH, 13 April 1988

1988 Multidisciplinary Research in Health Care Fields, Second Annual Research Seminar, Veterans Administration Medical Center, Dayton, OH 13 May 1988

1988 The Impact of DRG's on Health Care Delivery, Mid-Atlantic Regional Medical Education Center, Columbus, OH, 19 May 1988

1988 Mentor Training Seminar, Mid-Level Management Training Center, Williamsburg VA, 23-26 August 1988

1988 Executive Information Through DHCP Mid-Atlantic Regional Medical Education Center Brecksville, OH 30 August - 1 September 1988

1988 Strategic Planning Retreat Veterans Administration Medical Center Dayton, OH 45428 20-21 September 1988

1988 Continuing Medical Education Program, Annual Meeting, National Association of Medical Examiners Boston, MA 4-9 November 1988

1988 VA Senior Management Conference Chicago, IL 15-17 November 1988

1988 Human Relations Training Veterans Administration Medical Center Dayton, OH 30 November 1988

1989 Interim Meeting, National Association of Medical Examiners, Las Vegas, NV 14 February 1989

1989 Annual Meeting, American Academy of Forensic Sciences, Las Vegas, NV 15-18 February 1989

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1989 Monitoring and Evaluating Clinical Practice, VA Region
4 and Cleveland Regional Medical Education Center,
Indianapolis, IN
5 April 1989

1989 Interagency Institute for Federal Health Care Executives,
The George Washington University, Washington, D.C.
30 May 1989 - 9 June 1989

1989 Executive Liaison Conference, Cleveland Regional Medical
Education Center, Brecksville, OH
20-23 June 1989

1989 Physician Executive Leadership Program I,
Cleveland Regional Medical Education Center
Cleveland, OH
25-28 September 1989

1989 Continuing Medical Education Program, Annual Meeting
National Association of Medical Examiners
Sanibel Island, FL
13-18 October 1989

1989 Strategic Planning Retreat, Total Quality Management
VA Medical Center, Dayton, OH
19-20 October 1989

1989 VA Senior Management Conference
Washington, D.C.
31 October 1989 - 2 November 1989

1990 Interim Meeting, National Association of Medical
Examiners
Cincinnati, OH
20 February 1990

1990 Continuing Medical Education Program
American Academy of Forensic Sciences
Cincinnati, OH
21-23 February 1990

1990 Managing for Quality: Integration and Motivation
Cleveland Regional Medical Education Center
Chicago, IL
3-4 April 1990

1990 Physician Executive Leadership Program II
Cleveland Regional Medical Education Center
Cleveland, OH
9-12 July 1990

1990 Continuing Medical Education Program
National Association of Medical Examiners
Denver CO
14-16 September 1990

1991 Interim Meeting, National Association of
Medical Examiners
Anaheim , CA
19 February 1991

1991 Continuing Medical Education Program
American Academy of Forensic Sciences
Anaheim, CA
20-22 February 1991

1991 Fourth Annual Conference on Federal
Quality Improvement
Washington, D.C.
29-31 May 1991

1991 Continuing Medical Education Program
National Association of Medical Examiners
Honolulu, Hawaii
22-27 September 1991

1991 VA Senior Management Conference
Washington, D.C.
12-13 November 1991

1992 Continuing Medical Education Program
American Academy of Forensic Sciences
New Orleans, LA
19-21 February 1992

1992 Interim Meeting, National Association of
Medical Examiners
New Orleans, LA
18 February 1992

1992 Joint Commission on Accreditation of
Healthcare Organizations Update
Reno, NV
14-16 April 1992

1992

First Annual DNA Course
Armed Forces Institute of Pathology
Bethesda, MD
15-16 May 1992

1992

Continuing Medical Education Program
National Association of Medical Examiners
Milwaukee, WI
19-23 September 1992

PROFESSIONAL AWARDS:

The C.V. Mosby Award for Scholastic Excellence, 15 June 1956.

Certificate of Recognition for Outstanding Contribution to Medicolegal Investigation, Department of Medical Examiner-Coroner, County of Los Angeles, California, 10 October 1968.

Certificate of Appreciation for Outstanding Contributions to the Programs of the International Police Academy, Office of Public Safety, Agency for International Development, Department of State, 24 November 1971.

Physician's Recognition Award, American Medical Association, 1972.

Certificate of Appreciation, National Association of Underwater Instructors, 8 April 1972.

Honorary Fellow, American College of Legal Medicine, 10 May 1974.

Honorary Membership, Hollywood Academy of Medicine, 13 June 1974.

Certificate of Appreciation in Recognition of Outstanding Service, Commission on Continuing Education, American Society of Clinical Pathologists, 1968-1969.

Certificate of Recognition of Achievement as Member, Council on Forensic Pathology, Commission on Continuing Education, American Society of Clinical Pathologists, 1969-1974.

Award by the American Academy of Forensic Sciences for professional and literary contributions as Editor of the Journal of Forensic Sciences, 1972-1974, and for continuing efforts in advancing the cause of the Forensic Sciences, 20 February 1975.

Physician's Recognition Award, American Medical Association, 1974-1977 (Valid to June 30, 1977).

1974 American Society of Clinical Pathologists - College of American Pathologists Pathology Continuing Medical Education Certificate (Valid to June 30, 1977).

Certificate of Distinguished Service, Armed Forces Institute of Pathology, 15 April 1975.

Certificate of Appreciation for Extraordinary Service, Office of Special Investigations, United States Air Force, 14 April 1975.

Certificate of Appreciation from The American Board of Pathology for Service on the Test Committee for Forensic Pathology, 31 December 1975.

Physician's Recognition Award, American Medical Association, 1978-1981 (Valid to 1 October 1981).

The Pathology Continuing Medical Education Award of the American Society of Clinical Pathologists, College of American Pathologists, International Academy of Pathology and the Intersociety Pathology Council, 1978-1981 (Valid to 1 October 1981).

Certificate of Merit from the Surgeon General of the Navy, 1 October 1980.

Physician's Recognition Award, American Medical Association, 1982-1985 (Valid to 1 January 1985).

The Pathology Continuing Medical Education Award of the American Society of Clinical Pathologists, College of American Pathologists, International Academy of Pathology, and Intersociety Pathology Council, 1982-1985 (Valid to 1 January 1985).

Medical Center Director's Commendation, Veterans Administration Medical Center, Mountain Home, Tennessee, October 1982.

Medical Center Director's Commendation, Veterans Administration Medical Center, Mountain Home, Tennessee, June 1983.

Physician's Recognition Award, American Medical Association (Valid until 1 March 1988).

The Pathology Continuing Medical Education Award of the American Society of Clinical Pathologists, College of American Pathologists, International Academy of Pathology, and Intersociety Pathology Council, 1 March 1984 to 1 March 1988.

Commendation for Outstanding Contributions to the City of Johnson City by Resolution of the Mayor on behalf of the Board of Commissioners and the City of Johnson City, Tennessee, 18 July 1985.

Honorary Captain, Johnson City Police Department, Johnson City, Tennessee, 18 July 1985.

The Pathology Continuing Medical Education Award of the American Society of Clinical Pathologists, College of American Pathologists, International Academy of Pathology, and Intersociety Pathology Council, 1 July 1988 - 1 July 1991.

Physician's Recognition Award, American Medical Association, Valid 1 August 1988 - 1 July 1991.

The Commission on Continuing Education Commissioners' Medal, American Society of Clinical Pathologists, Chicago, Illinois, August, 1989.

Resolution by Executive Committee, Wright State University School of Medicine, Dayton, Ohio, for Exceptional Service to the School of Medicine, 14 March 1991.

Department of Veterans Affairs Distinguished Career Award, Washington, DC, August 1992.

COMMISSIONS AS NAVAL OFFICER:

Ensign, U.S. Naval Reserve, 1135 and 1995, effective 15 September 1953.

Ensign, U.S. Naval Reserve, 1995, called to active duty in Senior Medical Student Program, effective 17 November 1955.

Lieutenant Junior Grade, Medical Corps, U.S. Naval Reserve, 2105, effective 15 December 1954.

Lieutenant, Medical Corps, U.S. Naval Reserve, 2105, effective 1 September 1956.

Lieutenant, Medical Corps, U.S. Navy, 2100, effective 15 February 1957.

Lieutenant Commander, Medical Corps, U.S. Navy, 2100, effective 1 July 1962.

Commander, Medical Corps, U.S. Navy, 2100, effective 1 October 1966.

Captain, Medical Corps, U.S. Navy, 2100, effective 15 June 1971, to rank from 1 July 1970.

Captain, Medical Corps, U.S. Navy, Retired, effective 1 October 1980.

MILITARY DECORATIONS AND AWARDS:

Legion of Merit

Joint Service Commendation Medal

Navy Unit Commendation

Air Force Outstanding Unit Award

National Defense Service Medal with Star

MILITARY STAFF ASSIGNMENTS:

Assistant Pathologist, U.S. Naval Hospital, Philadelphia, Pennsylvania, 1961 - 1962.

Chief of Laboratory Service, U.S. Naval Hospital, Guam, 1963 - 1965.

Chief, Forensic Pathology Branch, Military Environmental Pathology Division, Armed Forces Institute of Pathology, Washington, D.C., 1965 - 1970.

Assistant Chief, Military Environmental Pathology Division, Armed Forces Institute of Pathology, Washington, D.C., 1967 - 1970.

Chief, Marine Biopathology Branch, Armed Forces Institute of Pathology, Washington, D.C., 1967 - 1972.

Registrar, Registry of Forensic Pathology, American Registry of Pathology, Armed Forces Institute of Pathology, Washington, D.C., 1965 - 1975.

Acting Chief, Military Environmental Pathology Division and Acting Chief, Wound Ballistics Pathology Branch, Armed Forces Institute of Pathology, Washington, D.C., 4 May 1966 - 20 July 1966; 15 July 1968 - 23 August 1968; 7 July 1969 - 8 August 1969.

Acting Chief, Accident Pathology Branch, Armed Forces Institute of Pathology, Washington, D.C., 2 July 1968 - 31 December 1968; 14 July 1970 - 14 October 1970.

Acting Registrar, Registry of Accident Pathology, American Registry of Pathology, Armed Forces Institute of Pathology, Washington, D.C., 10 July 1970 - 4 January 1971.

Acting Transportation Officer, Walter Reed Army Medical Center, Washington, D.C., 5 May 1970 - 15 April 1975.

Acting Chief, Military Environmental Pathology Division, Armed Forces Institute of Pathology, Washington, D.C., 31 July 1970 - 1 September 1970.

Chief, Military Environmental Pathology Division, Armed Forces Institute of Pathology, Washington, D.C., 1 August 1972 - 31 August 1974.

Chairman, Department of Forensic Sciences, Armed Forces Institute of Pathology, Washington, D.C., 1 September 1974 - 15 April 1975.

Chairman, Department of Laboratory Medicine, National Naval Medical Center, 28 April 1975 - 31 July 1980.

Acting Director of Clinical Services, National Naval Medical Center, Bethesda, MD, 23-28 January 1978; 24-29 July 1978.

Acting Commanding Officer, National Naval Medical Center, Bethesda, MD, 12-15 July 1978.

Acting Director of Clinical Services, National Naval Medical Center, Bethesda, MD, 27 February - 9 March 1979; 25 June - 8 July 1979; 27 August - 6 September 1979; 15-21 September 1979.

Acting Commanding Officer, National Naval Medical Center, Bethesda, MD, 29 February - 1 March 1980.

Acting Director of Clinical Services, National Naval Medical Center, Bethesda, MD, 24 December 1979 - 4 January 1980; 2-8 March 1980.

VETERANS ADMINISTRATION STAFF ASSIGNMENTS:

Chief, Laboratory Service, Veterans Administration Medical Center, Mountain Home, Tennessee, 1 October 1980 - 30 June 1983.

Acting Chief of Staff, Veterans Administration Medical Center, Mountain Home, Tennessee, 21-25 September 1981; 3-5 November 1981; 14-17 May 1982, 11 June 1982; 12-16 July 1982; 23-24 September 1982; 13-15 April 1983.

DEPARTMENT OF HEALTH AND ENVIRONMENT, STATE OF TENNESSEE

Assistant Chief Medical Examiner, Office of the Chief Medical Examiner, Department of Health and Environment, State of Tennessee, 2 September 1983 - 29 June 1986.

Member, Ad Hoc Committee for Inspection and Accreditation, Office of the Chief Medical Examiner, Department of Health and Environment, State of Tennessee, 2 September 1983 - 29 June, 1986.

VETERANS ADMINISTRATION MEDICAL CENTER, DAYTON, OHIO

Chief of Staff, Veterans Administration Medical Center, Dayton, Ohio, 29 June 1986 - 6 April 1991.

Acting Director, Veterans Administration Medical Center, Dayton, OH, 19-23 December 1986; 3 August 1987; 26-27 August 1987; 24-25 September 1987; 1 October 1987; 14 October 1987; 24 October - 2 November 1987; 19 November 1987; 16-24 January 1988; 24 April 1989; 16-17 May 1989; 19 May 1989; 19-21 July 1989; 30-31 August 1989; 20-23 September 1989; 7-8 November 1989; 25 and 29 June 1990.

DEPARTMENT OF VETERANS AFFAIRS, WASHINGTON, D.C.

Deputy Medical Inspector, Veterans Health Administration, Department of Veterans Affairs, Washington, D.C., 7 April 1991 - 31 August 1992

Retired from Department of Veterans Affairs, Washington, DC, 31 August 1992.

ARMED FORCES INSTITUTE OF PATHOLOGY, WASHINGTON, D.C.

Distinguished Scientist, American Registry of Pathology and the Armed Forces Medical Examiner, Armed Forces Institute of Pathology, Washington, D.C., 1 October 1992 -

Member, Graduate Medical Education Committee, Armed Forces Institute of Pathology, 1 November 1992 -

Co-Director, Residency Program in Forensic Pathology, Office of the Armed Forces Medical Examiner, Armed Forces Institute of Pathology, 1 October 1992 -

Member, Department of Defense Forensic Science Advisory Committee, 1 October 1992 -

SPECIAL DUTIES AND COMMITTEES RELATED TO MILITARY ASSIGNMENTS:

Alternate Medical Officer, Radiation Control Team, Fourth Naval District, Philadelphia, Pennsylvania, 1961-1962.

Associate Pathologist, Office of the Chief Medical Examiner, State of Maryland, 1962-1963.

Approved Pathologist, Office of the Chief Medical Examiner, State of Maryland, Montgomery County, 1962-1963.

Deputy Medical Examiner, Government of Guam, 1963-1965.

Project Officer, A Pilot Study of Drug Excretion in the Urines of Military Separates, for Assistant Secretary of Defense (Health and Environment), 18 January 1971 - 5 April 1971.

Chairman, Ad Hoc Committee, to coordinate development of Master of Science degree program between George Washington University and Armed Forces Institute of Pathology, 15 September 1971 - 3 May 1972.

Member, Faculty Advisory Committee, to provide continuous liaison with representatives from the Department of Forensic Sciences, The George Washington University for the Master of Science in Forensic Science and/or Forensic Pathology Degree Programs, 15 May 1972 - 15 April 1975.

Member, Long Range Planning Council, Armed Forces Institute of Pathology, Washington, D.C., effective 9 January 1974.

Chairman, Medical Library Committee, National Naval Medical Center, Bethesda, MD, 13 May 1975 - 31 July 1980.

Chairman, Blood Transfusion Review Committee, National Naval Medical Center, Bethesda, MD, 3 June 1975 - 31 July 1980.

Member, Medical Isotopes Committee, National Naval Medical Center, Bethesda, MD, 27 May 1975 - 1976.

Member, Interagency Committee on Laboratory Medicine, 1975-1980.

Member, Graduate Education Committee, National Naval Medical Center, Bethesda, MD, 27 May 1975 - 31 July 1980.

Member, Executive Council of the Graduate Education Committee, National Naval Medical Center, Bethesda, MD, 1 August 1975 - 31 July 1978.

Member, Ad Hoc Search Committee for Chairperson, Department of Pathology, Uniformed Services University of the Health Sciences, 1975-1976.

Chairman, Laboratory Equipment Replacement Program, Bureau of Medicine and Surgery, Washington, D.C., 4 September 1975 - 31 July 1980.

Functional Representative of Bureau of Medicine and Surgery for Clinical Laboratory Matters, Tri-Service Medical Information System (TRIMIS) Program, 17 December 1975 - 31 July 1980.

Chairman, Specialty Advisory Committee on Pathology, 1976.

Member, Tumor Board, National Naval Medical Center, Bethesda, MD, 1976-1977.

Member, Credentials Committee, National Naval Medical Center, Bethesda, MD, 1976-1980.

Chairman, Medical Laboratory Sciences Training Programs Task Group for Medical-Dental Training Committee, Interservice Training Review Organization, 1977-1978.

Chairman, Ad Hoc Committee on Throat Culture Contact Reporting, National Naval Medical Center, Bethesda, MD, 1978.

Chairman, Command Redevelopment Advisory Council, National Naval Medical Center, Bethesda, MD, 1978-1979.

Chairman, Ad Hoc Committee on Preadmission Testing, National Naval Medical Center, Bethesda, MD, 1979-1980.

Member, Medical Corps Selection Board, Department of the Navy, 11-22 June 1979.

Member, Executive Council of the Graduate Education Committee, National Naval Medical Center, Bethesda, MD, 1 September 1979 - 31 August 1980.

Representative of the Bureau of Medicine and Surgery to the Subcommittee of Pathology and Laboratory Medicine, Federal Health Resources Sharing Committee, 15 August 1979 - 31 July 1980.

Chairman, Specialty Advisory Committee on Pathology, 1979.

Chairman, Ad Hoc Committee for Ward Medical Officer, National Naval Medical Center, Bethesda, MD, 1979-1980.

SPECIAL DUTIES AND COMMITTEES RELATED TO VETERANS ADMINISTRATION ASSIGNMENTS:

Member, Clinical Executive Board, Veterans Administration Medical Center, Mountain Home, TN, 1 October 1980 - 30 June 1983.

Member, Quality Assurance Subcommittee, Veterans Administration Medical Center, Mountain Home, TN, 1 October 1980 - 30 June 1983.

Member (Non-voting), Dean's Committee, Veterans Administration Medical Center, Mountain Home, TN, 1 October 1980 - 30 June 1983.

Member, Therapeutic Agents and Pharmacy Reviews Committee, Veterans Administration Medical Center, Mountain Home, TN, 1 October 1980 - 30 June 1983.

Member, Professional Education Committee, Veterans Administration Medical Center, Mountain Home, TN, 1 February 1981 - 30 June 1983.

Chairman, Laboratory Management Committee, Laboratory Service, Veterans Administration Medical Center, Mountain Home, TN, 12 February 1981 - 30 June 1983.

Member, Research and Development Committee, Veterans Administration Medical Center, Mountain Home, TN, 1 July 1981 - 31 October 1981.

Chairman, Human Subjects Subcommittee, Veterans Administration Medical Center, Mountain Home, TN, 1 July 1981 - 30 June 1983.

Member, District Planning Board, Medical District 8, 29 October 1981 - 30 June 1983.

Chairman, Medical Center Medical District Initiated Planning Program (MEDIPP) Planning Board, 5 February 1982 - 30 June 1983.

Member, Nutrition Committee, Veterans Administration Medical Center, Mountain Home, TN 1 July 1981 - 30 June 1983.

Member, VACO Disciplinary Board, Veterans Administration Medical Center, Martinsburg, WV, 7-9 July 1982.

Chairman, House Staff Advisory Subcommittee, Veterans Administration Medical Center, Mountain Home, TN, 5 August 1982 - 8 March 1983.

Member, Resources Committee, Veterans Administration Medical Center, Mountain Home, TN, 5 November 1981 - 30 September 1982.

Member, House Staff Review Committee, Veterans Administration Medical Center, Mountain Home, TN, 10 February 1983 - 30 June 1983.

Chairman, Clinical Executive Board, Veterans Administration Medical Center, Dayton, OH, 29 June 1986 - 6 April 1991.

Chairman, Professional Standards Board for Physicians, Veterans Administration Medical Center, Dayton, OH, 29 June 1986 - 6 April 1991.

Chairman, Professional Standards Board for Physician Assistants, Veterans Administration Medical Center, Dayton, OH, 29 June 1986 - 6 April 1991.

Chairman, Professional Council, Veterans Administration Medical Center, Dayton, OH, 5 August 1987 - 1990.

Member, Administrative Executive Board; Postgraduate and Inservice Training Committee; Resources Committee; Dean's Committee; Space Committee; Research and Development Committee; Position Management Committee; House Staff Review Committee; and Tuition Support Committee. Veterans Administration Medical Center, Dayton, OH, 29 June 1986 - 6 April 1991.

Member, Medical Inspector's Team for Special Purpose Site Visit to Veterans Administration Medical Center, Bay Pines, FL, 18-20 May 1987.

Member, Medical District 13 Chiefs of Staff Council, 29 June 1986 - 20 July 1987.

Chairman, Medical District 13 Chiefs of Staff Council, 20 July 1987 - 20 July 1989

Member, Planning Committees for 1987 Liaison Conference and 1989 Chiefs of Staff Training Program, Mid-Atlantic Regional Medical Education Center, Brecksville, OH, 1987-1988.

Member, Medical District 13 Planning Board, 20 July 1987 - 20 July 1989

Member (ex-officio), Medical District 13 Executive Council, 20 July 1987 - 20 July 1989

Member, Planning Committee, Executive Liaison Conference, Cleveland Regional Medical Education Center, Brecksville, OH 1989.

Consultant to Planning Committee, National Chiefs of Staff Training Program, Cleveland Regional Medical Education Center, Brecksville, OH 1989.

Acting Assistant Associate Deputy Chief Medical Director, Department of Veterans Affairs, Washington, D.C., 13 July 1989 - 18 August 1989.

Acting Associate Deputy Chief Medical Director, Department of Veterans Affairs, Washington, D.C., 17-18 July 1989; 15-17 August 1989.

Member, Executive Oversight Team for Contract Service Centers, Department of Veterans Affairs, Washington, D.C., 1989 - 1990.

Member, Technical Advisory Group for Regional Site Review Protocol, 2 March 1992 - 31 August 1992.

SPECIAL DUTIES AND COMMITTEES RELATED TO UNIVERSITY ASSIGNMENTS:

Member, Planning Committee, Introduction to Clinical Medicine IV: Cognitive and Conceptual Introduction to Medicine, East Tennessee State University, Johnson City, TN, 23 August 1982 - 30 April 1986.

Member, College of Medicine Screening Committee for Distinguished Faculty Award, July 1983.

Faculty Advisor for Medical Student Ruth E. Ventrice, Class of 1987, 8 August 1983 - 30 June 1985.

Member, Standing Committee on Administration and Budget, University Physician's Practice Group, Medical Education Assistance Corporation, 23 August 1983 - 30 April 1986.

Member, Planning Committee, Introduction to Clinical Medicine IV: Clinical Laboratory Medicine, 30 November 1983 - 30 April 1986.

Chairman, Residency Planning and Review Committee, Department of Pathology, Quillen-Dishner College of Medicine, 1 December 1983 - 30 April 1986.

Faculty Advisor for Medical Student Charles W. Fleisher, Class of 1986, 26 March 1984 - 30 April 1986.

Member, Graduate Faculty Committee for E. Jayne Moffat, Candidate for Master's Degree in Biomedical Sciences (Pharmacology).

Faculty Advisor for Medical Student Michael H. West, Class of 1988, 2 August 1984 - 30 April 1986.

Member, Executive Committee, Wright State University School of Medicine, Dayton, OH, 1 July 1986 - 29 March 1991.

Member, Committee on Diagnostic Technology of the Task Force on Medical Student Education, Wright State University School of Medicine, Dayton, OH, 1986 - 1987.

Member, Residency Policy Committee, Wright State University School of Medicine, Dayton, OH, 17 August 1987 - 29 March 1991.

Member, Dean's Council, Wright State University School of Medicine, Dayton, OH, 27 March 1989 - 29 March 1991.

Member, Continuing Medical Education Committee, Wright State University School of Medicine, Dayton, OH, 30 August 1989 - 29 March 1991.

Member, VA Medical Center Management Advisory Committee, Wright State University School of Medicine, Dayton, OH, 1 September 1989 - 29 March 1991.

APPOINTMENTS AS CONSULTANT:

Consultant in Pathology, Guam Memorial Hospital, Agana, Guam, 1965

Consultant in Forensic Pathology (BUMED Code 316S-31), Professional Division, Bureau of Medicine and Surgery, Department of the Navy, 1970-1975

Consultant in Forensic Pathology, The American Board of Pathology, 1972 and 1973

Member, Test Committee for Special Examination in Forensic Pathology, The American Board of Pathology, 1973-1975

Guest Examiner, Special Field of Forensic Pathology, The American Board of Pathology, 1972-1975

Consultant in Laboratory Medicine (BUMED Code 21S), Medical Corps Division, Bureau of Medicine and Surgery, Department of the Navy, 9 June 1975 - 31 July 1980

Navy Representative, Scientific Advisory Board of Consultants, Armed Forces Institute of Pathology, Washington, D.C., 1976-1980

Representative of Bureau of Medicine and Surgery to Committee on Pathology, Society of Medical Consultants to the Armed Forces, November 1977

Consultant for the Development of Staffing Standards for the Specialty of Pathology, Bureau of Medicine and Surgery, Department of the Navy, 1978-1980

Member, Survey Team, Inspection of Medical Technology Program at Sacred Heart Hospital, Allentown, PA, for National Accrediting Agency for Clinical Laboratory Sciences, 29 November 1979

Inspector, Commission on Inspection and Accreditation, College of American Pathologists, for O.B. Hunter Memorial Laboratory, Bethesda, MD, 14 December 1979

Member, Panel on Irritant and Vesicant Chemicals, Committee on Toxicology, Commission on Life Sciences, National Research Council, National Academy of Sciences, Washington, D.C., 29 December 1982 - 17 June 1985

Physician Consultant to Laboratory Service, Veterans Administration Medical Center, Mountain Home, Tennessee, 1 October 1983 - 30 September 1985

Specialist Survey Respondent (Forensic Medicine) to American College of Physicians for A Library for Internists IV, Annals of Internal Medicine 96:385-401, 1982, and A Library for Internists V, Annals of Internal Medicine 102:423-437, 1985.

APPOINTMENTS AS EDITOR:

Associate Editor, Journal of Forensic Sciences, 1971-1972

Editor, Journal of Forensic Sciences, 1972-1974

Associate Editor, Journal of Forensic Sciences, 1979 - 1992

TEACHING APPOINTMENTS:

Assistant Instructor in Pathology and Fellow in Pepper Laboratory of Clinical Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, February 1960 - May 1960

Guest Lecturer, Sophomore Class in Forensic Medicine, Jefferson Medical College, Philadelphia, Pennsylvania, 1961 and 1962

Guest Lecturer, U.S. Naval Medical School, National Naval Medical Center, Bethesda, Maryland, 1963 and 1965

Lecturer in Homicide Investigation, Police Division, Department of Public Safety, Government of Guam, 1965

Guest Lecturer, Seminar in Homicide Investigation, Department of Legal Medicine, Harvard Medical School, Boston, Massachusetts, May 1966, November 1966, and May 1967

Guest Lecturer, Seminar in Homicide Investigation, Maryland Medical-Legal Foundation, Baltimore, Maryland, 1968 - 1974

Course Director, Postgraduate Course in Forensic Pathology, Armed Forces Institute of Pathology, Washington, D.C., 1966-1970

Program Director, Residency in Special Field of Forensic Pathology, Armed Forces Institute of Pathology, Washington, D.C., 1966-1974

Instructor, Basic and Advanced Courses for Special Agents, Headquarters, Naval Investigative Service, Naval Intelligence Command, Arlington, Virginia, 1966-1969

Instructor, Basic Course for Special Agents, Headquarters, Naval Investigative Service, Naval Intelligence Command, Alexandria, Virginia, 1970-1971, 1973-1974

Faculty, Postgraduate Course in Forensic Dentistry, Armed Forces Institute of Pathology, Washington, D.C., 1966-1970

Faculty, Postgraduate Course in Aerospace Pathology, Armed Forces Institute of Pathology, Washington, D.C., 1966-1970; 1974

Faculty, Inservice Training Program in Homicide Investigation, Criminal Investigations Division, Metropolitan Police Department, District of Columbia, May 1969; October 1969; May 1970; April 1971; September 1972; March 1973; September 1973

Faculty, Forensic Sciences Symposium, Armed Forces Institute of Pathology, Washington, D.C., 1969, 1973

Faculty, Postgraduate Course in Accident Pathology, Armed Forces Institute of Pathology, Washington, D.C., 1970

Faculty, Workshop for Public Defenders, Government of the District of Columbia, Washington, D.C., September 1971

Course Director, Postgraduate Course in Pathology of the Aquatic Environment, Armed Forces Institute of Pathology, Washington, D.C., 1972

Professorial Lecturer in Forensic Science, The George Washington University, Washington, D.C., 1972-1976

Faculty, Seminar in Forensic Pathology, College of American Pathologists, Oakland, California, May 1972; Atlanta, Georgia, March 1973; Kansas City, Missouri, April 1974

Faculty, Postgraduate Course in Forensic Pathology, Armed Forces Institute of Pathology, Washington, D.C., November 1972; November 1973; November 1974

Faculty, State of New Jersey Seminars in Homicide Investigation, Linden, New Jersey, May 1972, November 1972, April 1973

Guest Lecturer in Forensic Pathology, Laboratory Service, Naval Hospital, Bethesda, Maryland, December 1972; February 1973

Guest Lecturer, Howard University Medical School, February 1973

Course Director, Seminar in Forensic Pathology, College of American Pathologists, Saddle Brook, New Jersey, June 1973

Faculty, Seminar on Medicolegal Investigations in Criminal Cases, County of Allegheny, Pittsburgh, Pennsylvania, October 1973; January 1974; April 1974

Moderator, Annual Slide Seminar, "Cancer or Pseudocancer", Annual AFIP Lectures, 27 March 1974

1974 Guest Speaker, Hollywood Academy of Medicine, Hollywood, California, 13 June

Faculty, Death Investigation Seminar, Corning Community College, Corning, New York, 9 July 1974

Course Director, Seminar on Aquatic Pathology, Armed Forces Institute of Pathology, Washington, D.C., 24 September 1974

Faculty, Postgraduate Course in Forensic Dentistry, Armed Forces Institute of Pathology, Washington, D.C., 30 September 1974

Faculty, Symposium on the Medical-Ethical-Legal Aspects of Organ Transplantation, D.C. Medical Society Auditorium, Washington, D.C., 12 October 1974

Faculty, Bucks County Homicide Seminar, Trevose, Pennsylvania, 15 October 1974

Faculty, Postgraduate Course in Forensic Pathology, Armed Forces Institute of Pathology, Washington, D.C., 12 November 1974; 13 November 1975

Guest Lecturer, Staff Medical Conference, Naval Regional Medical Center, Camp Lejeune, North Carolina, 13 February 1975

Medical Director, Medical Technology and Medical Laboratory Technician Schools, Naval Health Sciences Education and Training Command, Bethesda, MD, 1975-1980

Resource Staff Member, Personnel Management for Executives Program, Department of the Army Regional Training Center, Baltimore, MD, 12-23 January 1976

Professor of Pathology, The George Washington University School of Medicine and Health Sciences, 1 July 1975 - 30 June 1980

Professor of Pathology, Georgetown University School of Medicine, 1 July 1976 - 30 June 1980

Professor of Pathology, Uniformed Services University for the Health Sciences, 1 October 1976 - 30 September 1979

Program Director, Residency in Anatomic and Clinical Pathology, National Naval Medical Center, Bethesda, MD, 1975-1980

Resource Staff Member, Personnel Management for Executives Program, Central Atlantic Regional Training Center, Department of the Army, Williamsburg, VA, 27 February - 9 March 1979

Guest Lecturer on Laboratory Management, Health Care Administration Course, Naval School of Health Sciences, Bethesda, MD, 30 January 1979

Faculty, Forensic Science Seminar, Office of the Medical Investigator, University of New Mexico School of Medicine, Albuquerque, NM, 8-9 August 1979

Faculty, Workshop on Medicolegal Problems in the Clinical Laboratory, Fifth Annual Meeting of The Society of Armed Forces Medical Laboratory Scientists, San Antonio, Texas 18-19 October 1979

Professor of Pathology, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, Tennessee, 1 September 1980 - 30 April 1986.

Faculty, Continuing Medical Education Seminar in Laboratory Medicine, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, Tennessee, 23 September 1981

Faculty, Medico-Legal Seminar, Office of the Chief Medical Examiner, Commonwealth of Virginia, and Department of Legal Medicine, Medical College of Virginia, Abingdon, Virginia, 8 October 1981

Resource Staff Member, Personnel Management for Executives Program, Central Atlantic Regional Training Center, Department of the Army, Williamsburg, VA, 2-12 March 1982

Faculty, Seminar in Laboratory Medicine, Veterans Administration Medical Center, Mountain Home, TN, 16 July 1982

Professor of Pathology, East Tennessee State University School of Graduate Studies, Johnson City, TN, 3 August 1982 -

Faculty, Medico-Legal Seminar, Office of the Chief Medical Examiner, Commonwealth of Virginia, and Department of Legal Medicine, Medical College of Virginia, Roanoke, Virginia, 21 October 1982

Faculty, Forensic Pathology, Upper East Tennessee Law Enforcement Training Commission, East Tennessee State University, Johnson City, Tennessee, 16 December 1982

Course Director and Faculty, Seminar on Forensic Medicine, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, Tennessee, 21 January 1983

Faculty, Seminar on Forensic Pathology, Department of Pathology, Vanderbilt University School of Medicine, Nashville, Tennessee, 28-29 January 1983

Faculty, Tennessee Medical Examiner Seminar, Sweetwater, Tennessee, 12 March 1983

Guest Speaker, The Kiwanis Club of Bristol, Tennessee, 21 April 1983

Faculty, Seminar on Sudden Infant Death Syndrome, First Tennessee Regional Public Health Center, Johnson City, Tennessee, 16 September 1983

Faculty, Aerospace Pathology Course, Armed Forces Institute of Pathology, Washington, D.C., 8 November 1983

Faculty, Advanced Forensic Pathology Course, Armed Forces Institute of Pathology, FBI Academy, Quantico, VA, 12 April 1984

Faculty, 24th International Conference on Legal Medicine, American College of Legal Medicine, Scottsdale, AZ, 11 May 1984

Course Director and Faculty, Seminar on the Investigation of Sex Crimes, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, TN, 18 May 1984

Guest Speaker, Tri-Cities Chapter, Tennessee Society for Clinical Microbiology, Veterans Administration Medical Center, Mountain Home, TN, 5 June 1984

Faculty, Death Investigation Seminar, Upper East Tennessee Law Enforcement Training Commission, East Tennessee State University, Johnson City, TN, 15 August 1984

Resource Staff Member, Personnel Management for Executives Program, Department of the Army Regional Training Center, U.S. Army Forces Command, Charleston, SC, 9-21 September 1984

Faculty, American College of Legal Medicine Seminar, "The Growing Role of Law in the Practice of Medicine", Annual Meeting of the Association of American Medical Colleges, Chicago, IL, 31 October - 1 November 1984

Moderator, Scientific Session, Pathology and Biology Section, 37th Annual Meeting, American Academy of Forensic Sciences, Las Vegas, NV, 14 February 1985

Faculty, (Forensic Pathology, Forensic Medicine), Veterans Administration Physician and Dentists In-Residence Program, South Central Regional Medical Education Center, Jefferson Barracks Division, St. Louis, MO, 1981-1985

Faculty, Special Topics (Forensic Pathology), Criminal Justice Course No. 321-4967-001, Department of Criminal Justice, East Tennessee State University, Spring Semester (25 February, 4 March and 25 March), 1985

Faculty, Advanced Forensic Pathology Course, Armed Forces Institute of Pathology, FBI Academy, Quantico, VA, 18 April 1985

Course Director and Faculty, Legal Medicine Seminar, Quillen-Dishner College of Medicine, East Tennessee State University, Johnson City, TN, 5 December 1985.

Assistant Dean for Veterans Affairs and Professor of Pathology, Wright State University School of Medicine, Dayton, OH, 1 July 1986 - 29 March 1991.

Faculty, Basic Forensic Pathology Course, Armed Forces Institute of Pathology, Washington, DC, 3 November 1986.

Guest faculty, Annual Death Investigation Seminar of the Indiana Forensic Science Commission, Indiana Coroner's Association, and Department of Pathology, Indiana University School of Medicine, Indianapolis, IN, 21-22 April 1988.

Guest Faculty, Annual Death Investigation Seminar of the Indiana Forensic Science Commission, Indiana Coroner's Association, and Department of Pathology, Indiana University School of Medicine, Indianapolis, IN, 28 April 1989.

PROFESSIONAL SOCIETIES:

Fellow, College of American Pathologists
Fellow, American Society of Clinical Pathologists
Fellow, American Academy of Forensic Sciences
Honorary Fellow, American College of Legal Medicine
Life Member, Association of Military Surgeons of the United States
Southern Medical Association
The Society of Medical Consultants to the Armed Forces
The Society of Armed Forces Medical Laboratory Scientists
American Association of Blood Banks
Academy of Clinical Laboratory Physicians and Scientists
National Association of Medical Examiners
The New York Academy of Sciences
United States Naval Institute (Life Member)
The Retired Officers Association (Life Member)
Life Member, Federal Health Care Executives Institute Alumni Association

OFFICES AND APPOINTMENTS IN NATIONAL PROFESSIONAL SOCIETIES:

American Academy of Forensic Sciences

1966-1967	Member of Reference Committee, Program Committee, and Geographic Forensic Pathology Committee, Pathology and Biology Section
1969-1970	Secretary, Pathology and Biology Section
1970-1971	Council Chairman Chairman, Pathology and Biology Section Chairman, Membership Committee
1972-1974	Chairman, Publications Committee
1973	Member, Nominating Committee
1975-1976	Member, Ad Hoc Committee on a National Institute for Forensic Sciences
1979-	Member, Publications Committee
1984-1985	Member, Best Resident Paper Committee, Pathology and Biology Section
1988-1989	Member, Strategic Planning Committee
1989-1990	Member, Strategic Planning Committee
1990-1992	Member, Strategic Planning Committee
1992-	Member, Strategic Planning Committee

College of American Pathologists

1966-1975 Member, Committee on Forensic Pathology
1988- Member, Forensic Pathology Committee

American Society of Clinical Pathologists

1969-1974 Member, Council on Forensic Pathology

National Association of Medical Examiners

1971-1977 Member, Board of Directors
1975-1976 Member, Executive Committee,
Board of Directors
1978 Member, Nominating Committee
1986-1992 Member, Board of Directors
1991- Member, Executive Committee
1992- Vice President

American College of Legal Medicine

1974-1975 Member, Honorary Fellowship Committee

Washington Society of Pathologists

1978-1979 Secretary-Treasurer
1979-1980 Vice President

The Society of Armed Forces Medical Laboratory Scientists

1978-1980 Member, Board of Directors

Miscellaneous Appointments to Committees

Member, Steering Committee for an Institute of Forensic Medicine and Law, Metropolitan Washington Council of Governments, 1972

Co-Chairman, Publications Committee, Department of Forensic Science, Graduate School of Arts and Sciences, The George Washington University, Washington, D.C., 1974; and Chairman, Curriculum Committee, 1974-1975

Dayton Clinical Oncology Program

1989-1990 Member, Board of Trustees

Mid-Atlantic Forensic Pathology Association

1992- Member, Board of Directors

SPECIAL MILITARY MISSIONS:

February 1963
Temporary duty at U.S. Air Force Hospital, Harman Air Force Base (SAC), Newfoundland, to conduct medicolegal autopsies on two servicemen who died unexpectedly at Thule, Greenland, and one serviceman who died at Keflavik, Iceland

September 1963
to
October 1965
Served as Director of the Military Blood Procurement Program for Naval Forces, Marianas, Territory of Guam

April 1964
Served as military member of special fact-finding committee selected for Board of Trustees, Guam Memorial Hospital, Government of Guam, to investigate allegation of malpractice involving physician employed by Guam Memorial Hospital

January 1967
Served as forensic pathologist on team assigned to Air Force Station, Eastern Test Range, Cape Kennedy, Florida, to conduct medicolegal investigation and autopsies on Astronauts Grissom, White and Chaffee following Apollo disaster

June 1968
Served as forensic pathologist on team assigned as consultants to Chief Medical Examiner-Coroner, County of Los Angeles, during medicolegal investigation and autopsy following assassination of Senator Robert Kennedy

December 1969
to
January 1970
Served as consultant in forensic pathology to the Office of the Chief of Support Services, Department of the Army, in the case of John Albert Warren (deceased)

June 1970
Served as consultant in forensic pathology to Headquarters, U.S. Army Training Center, Fort Ord, California and participated in exhumation and medicolegal postmortem examination of the remains of Kenneth Michael Woodruff, Staff Sergeant, U.S. Army, at San Diego, California, as authorized by Order No. 318142 of 20 May 1970 by the Superior Court of the State of California for the County of San Diego

28 October 1974
to
1 November 1974
Served as consultant in forensic pathology to Civil Rights Division, United States Department of Justice, at San Juan, Puerto Rico, to conduct exhumation and medicolegal postmortem examination on the remains of Ramon Rodriguez-Marrero, as authorized on 1 October 1974 by Chief Judge, United States District Court, District of Puerto Rico

15 November 1977
to
18 November 1977

Served as consultant in forensic pathology to Naval Investigative Service - Pacific, Pearl Harbor, Hawaii, to participate in the investigation of the death of Timothy E. Schlag, a Navy dependent

MEDICOLEGAL EXPERIENCE AS EXPERT WITNESS:

1964	Expert witness during court-martial of airman accused of negligent homicide at Andersen Air Force Base, Guam
	Expert witness during court-martial of sailor accused of murder at Headquarters, Commander Naval Forces, Marianas, Guam
	Expert witness at Naval Board of Inquiry for investigation of explosion aboard USS AFDM-8 in Apra Harbor, U.S. Naval Station, Guam
	Expert witness in the case of the <u>Government of Guam v. Mesa</u> , following murder of F.M. Izezaki, <u>Government of Guam Fish and Wildlife Conservation Officer</u>
March 1968	Expert witness during court-martial of marine accused of homicide, <u>United States v. Evans</u> , at Headquarters, Marine Corps Base, Camp Lejeune, North Carolina
February 1968	Expert witness during court-martial of three military policemen accused of maltreatment, <u>United States v. Krews, Elwood and Linsey</u> , at Fort Hayes, Ohio
May 1968	Expert witness during court-martial, <u>United States v. Paul</u> at Headquarters, Military District of Washington
January 1969	Expert witness during court-martial of sailor accused of murder, <u>United States v. Hise</u> , at District Legal Office, Sixth Naval District, Charleston, South Carolina
May 1970	Expert witness for the plaintiff, in conjunction with a third party claim by the Veterans Administration, and provided a deposition in the case of <u>White v. City of Darrington, Washington, et. al.</u> , at Snohomish County, Washington, Number 90170, at Armed Forces Institute of Pathology, Washington, D.C.
January 1971	Expert witness during court-martial, <u>United States v. Foppiano</u> at Headquarters, Sixth United States Army. The Presidio, San Francisco, California
November 1973	Expert witness during Article 32 Investigation at Third Coast Guard District, Governors Island, New York

April 1976 Expert witness during trial at United States District Court, San Juan, Puerto Rico, in the case of United States v. Perez et. al.

25 March 1982 Expert witness during trial at Criminal Court of Washington County, State of Tennessee, Jonesborough, TN in the case of the State of Tennessee v. Kenneth W. Campbell

4 November 1983 Expert witness during trial at Criminal Court of Washington County, Jonesborough, TN, in case of the State of Tennessee v. Vesper Denton Hicks

9 February 1984 Expert witness for the plaintiff and provided deposition at Fairfax, VA, in the case of Abosbitan v. Kirk et. al., United States District Court for the Eastern District of Virginia, Civil Action No. 83-758-A

7 April 1984 Expert witness during trial at Criminal Court of Washington County, Jonesborough, TN, in case of the State of Tennessee v. Vesper Denton Hicks

10 December 1984 Expert witness during judicial hearing at Juvenile Court of Sullivan County, Kingsport, TN, in case of the State of Tennessee v. Danny Hicks

1 March 1985 Expert witness during preliminary hearing at Criminal Court of Johnson County, Mountain City, TN, in case of the State of Tennessee v. Lois Guy

12 March 1985 Expert witness during deposition in the case of Tony B. Treadway at Law Offices of Herndon, Coleman, and McKee, Johnson City, TN

30 April 1985 Expert witness during trial at Criminal Court of Washington County, Jonesborough, TN, in case of the State of Tennessee v. Ronald Whitaker

8 July 1985 Expert witness during trial at Criminal Court of Sullivan County, Blountville, TN, in case of the State of Tennessee v. Danny Ray Hicks

8 July 1986 Expert witness during trial of Criminal Court at Sullivan County, Blountville, TN, in case of the State of Tennessee v. Jimmy W. Long.

PROFESSIONAL PUBLICATIONS:

1. Stahl, C.J.: Neurologic Diseases on Guam, United States Navy Medical Laboratory Quarterly 3:14-17, 1965.
2. Stahl, C.J.: The Medical Examiner System in the Territory of Guam. Journal of Forensic Sciences 11:179-185, 1966.
3. Young, B.C. and Stahl, C.J.: Gunshot Wounds. American Registry of Pathology, Washington, D.C., 1966.
4. Stahl, C.J. and Johnson, F.B.: Armed Forces Institute of Pathology Clinical Pathologic Conference Number 19-16 (Ethylene Glycol - Antifreeze-Poisoning). American Registry of Pathology, Washington, D.C., 1966.
5. Stahl, C.J.: Book Review of Forensic Odontology by Gosta Gustafson. American Elsevier Publishing Company, Inc., New York, 1966. In Military Medicine 131:1656, 1966.
6. Stahl, C.J.: Case for Diagnosis (On marijuana). Military Medicine 132:400, 414, 1967.
7. Mueller, W.F. and Stahl, C.J.: Armed Forces Institute of Pathology Clinical Pathologic Conference Number 9-67 (Rupture of Posttraumatic Aneurysm of Thoracic Aorta). American Registry of Pathology, Washington, D.C., 1967.
8. Stahl, C.J.: The Registry of Forensic Pathology. Journal of Forensic Sciences 13:151-162, 1968.
9. Levine, R.A. and Stahl, C.J.: Eye Injury Caused by Tear-Gas Weapons. American Journal of Ophthalmology 65:497-508, 1968.
10. Stahl, C.J., Young, B.C., Brown, R.J., and Ainsworth, C.A.: Forensic Aspects of Tear-Gas Pen Guns. Journal of Forensic Sciences 13:442-469, 1968.
11. Stahl, C.J., Fatteh, A.V., and Dominquez, A.M.: Trichloroethane Poisoning: Observations on the Pathology and Toxicology in Six Fatal Cases. Journal of Forensic Sciences 14:393-397, 1969.
12. Stahl, C.J. and Davis, J.H.: Missile Wounds Caused by Tear-Gas Pen Guns. The American Journal of Clinical Pathology 52:270-276, 1969.
13. Stahl, C.J.: "A Trip With No Return". Forensic Pathology Check Sample No. FP-44, Commission on Continuing Education Check Sample Program, American Society of Clinical Pathologists, Chicago, Illinois, May 1969.
14. Stahl, C.J.: "A Tonic Without Gin". Forensic Pathology Check Sample No. FP-46, Commission on Continuing Education Check Sample Program, American Society of Clinical Pathologists, Chicago, Illinois, September, 1969.
15. Reference 11 reprinted in U.S. Navy Medical Newsletter 55:9-11, 1970.

16. Reference 9 reprinted in U.S. Navy Medical Newsletter 55:15-24, 1970.
17. Froede, R.C. and Stahl, C.J.: "The Case of the Misplaced Roach". Forensic Pathology Check Sample No. FP-48, Commission on Continuing Education Check Sample Program, American Society of Clinical Pathologists, Chicago, Illinois, January 1970.
18. McCarty, J.E. and Stahl, C.J.: Armed Forces Institute of Pathology Clinical Pathologic Conference No. 4-69 (Amanita Mushroom Intoxication). American Registry of Pathology, Washington, D.C. 1969.
19. Stahl, C.J. (Moderator): "Timing of Injuries". A Seminar of the Pathology and Biology Section for the Twenty-Second Annual Meeting, American Academy of Forensic Sciences, Chicago, Illinois, 28 February 1970.
20. Stahl, C.J.: Drowning. In Cecil-Loeb Textbook of Medicine 13th Edition, edited by Beeson, P.B. and McDermott, W., Philadelphia, W.B. Saunders Company, 1971, pp. 45-47.
21. Stahl, C.J.: Timing of Injuries (Microscopic Slide Study Set No. M18971). American Registry of Pathology, Washington, D.C., 1971.
22. Froede, R.C. and Stahl, C.J.: Fatal Narcotism in Military Personnel. Journal of Forensic Sciences 16:199-218, 1971.
23. Stahl, C.J.: Meprobamate. Forensic Pathology Check Sample No. FP-58, Commission on Continuing Education Check Sample Program, American Society of Clinical Pathologists, Chicago, Illinois, 1971.
24. Ayers, K.M. and Stahl, C.J.: Ballistic Characteristics and Wounding Effects of a Tear-Gas Pen Gun Loaded with Ortho-Chlorobenzalmalonitrile. Journal of Forensic Sciences 17:292-297, 1972.
25. Stahl, C.J. and Johnson, F.B.: Methamphetamine and Granulomatous Pulmonary Arteritis. Forensic Pathology Check Sample No. FP-62, Commission on Continuing Education Check Sample Program, American Society of Clinical Pathologists, Chicago, Illinois, 1972.
26. Ayers, K.M. and Stahl, C.J.: Experimental Injuries of the Eye Caused by a Tear-Gas Pen Gun Loaded with Ortho-Chlorobenzalmalonitrile. Journal of Forensic Sciences 17:547-554, 1972.
27. Stahl, C.J., Froede, R.C. and Zimmerly, J.G.: Forensic Sciences at the Armed Forces Institute of Pathology: Its Role in Military Medicine. United States Navy Medicine 61:20-27, 1973.
28. Stahl, C.J.: Identification of Human Remains. In Medicolegal Investigation of Death. Guidelines for the Application of Pathology to Crime Investigation, edited by W.U. Spitz and R.S. Fisher. Charles C. Thomas, Springfield, Illinois, 1973.

29. Buddington, R.S., Stahl, C.J., McAllister, H.A., and Schwartz, R.A.: Exercise and Sudden Death. (Abstract No. 368). Supplement IV to Circulation, Volumes VII and VIII, October 1973, p. IV-93.
30. Buddington, R.S., Stahl, C.J., McAllister, H.A., and Schwartz, R.A.: Sports, Death, and Unusual Heart Disease. (Abstract). The American Journal of Cardiology 33:129, January 1974.
31. Stahl, C.J.: Editorial. Journal of Forensic Sciences 19:1-2, 1974.
32. Winter, P.E., Stahl, C.J., Goldbaum, L.R., and Dominguez, A.M.: Drug Excretion in the Urine of Military Separates: A Pilot Study. Journal of Forensic Sciences 19:317-324, 1974.
33. Stahl, C.J. (Moderator): "Cancer or Pseudocancer". A Seminar for the 14th Annual AFIP Lectures, 27 March 1974 (Microscopic Slide Study Set No. M21574). American Registry of Pathology, Washington, D.C., 1974.
34. Jones, S.R., Bessant-Matthews, P.E., Williams, F.J., and Stahl, C.J.: Injury Potential of a Reloaded Tear-Gas Pen Gun. Journal of Forensic Sciences 19:812-819, 1974.
35. Raasch, F.O., Hirvonen, J.I., and Stahl, C.J.: Timing of Injury in Human Thermal Burns. Journal of Forensic Sciences 19:723-729, 1974.
36. Stahl, C.J. and Dollinger, A.L.: The Case of the Battered Button. Forensic Pathology Check Sample No. FP-76, Commission on Continuing Education Check Sample Program, American Society of Clinical Pathologists, Chicago, Illinois, 1974.
37. Jones, S.R., Stahl, C.J., and Harriman, J.J.: Ballistic Studies and Lethal Potential of Tear-Gas Pen Guns Firing Fixed Metallic Ammunition. Journal of Forensic Sciences 20:261-273, 1975.
38. Stahl, C.J.: Drowning. In Textbook of Medicine, 14th Edition, edited by P.B. Beeson and W. McDermott. W.B. Saunders Company, Philadelphia, 1975, pp. 80-82.
39. Knight, D.R. and Stahl, C.J.: Naval Diving Accidents: A Challenge for Thorough Investigation. U.S. Navy Medicine 67:30-31, 1976.
40. Walsh, F.M., Stahl, C.J., Unger, H.T., Lilienstern, O.C., and Stephens, R.G.: Autoerotic Asphyxial Deaths: A Medicolegal Analysis of Forth-Three Cases. In Legal Medicine Annual: Nineteen Seventy-Seven, edited by C.H. Wecht. Appleton-Century-Crofts, New York, 1977, pp. 157-182.
41. Stahl, C.J.: Identification. In Forensic Pathology: A Handbook for Pathologists, edited by R.S. Fisher and C.S. Petty. Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 1977, pp. 64-71.
42. Stahl, C.J.: Cutting and Stabbing Wounds. In Forensic Pathology: A Handbook for Pathologists, edited by R.S. Fisher and C.S. Petty. Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 1977, pp. 151-159.

43. Stahl, C.J., Jones, S.R., Johnson, F.B., and Luke, J.L.: The Effect of Glass as an Intermediate Target on Bullets: Experimental Studies and Report of a Case. *Journal of Forensic Sciences* 24:6-17, 1979.
44. Stahl, C.J.: Drowning. In *Textbook of Medicine*, 15th Edition, edited by P.B. Beeson, W. McDermott, and J.B. Wyngaarden. W.B. Saunders Company, Philadelphia, 1979.
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**FORENSIC PATHOLOGY AND MEDICAL EXAMINER-RELATED FINDINGS AND
CONCLUSIONS PERTAINING TO THE INVESTIGATION OF THE DEATH OF
VINCENT W. FOSTER, JR.**

We were provided unrestricted access to all available investigative and scientific information and materials regarding the death of Vincent W. Foster, Jr., including information developed by the United States Park Police, the Federal Bureau of Investigation and the FBI Laboratory, the Office of the Chief Medical Examiner, Commonwealth of Virginia, and its Northern Virginia District Office, and the Office of the Independent Counsel. We examined photographs taken at the scene of death and during the course of the postmortem examination, and microscopic slides prepared from tissues obtained at autopsy. We discussed the investigative and scientific findings of the case with the investigative and laboratory personnel responsible for each aspect of the investigation.

The analysis and conclusions of our review, as discussed below, were arrived at separately and independently by each of us.

ISSUES AND CONCLUSIONS

1. CAUSE AND CIRCUMSTANCES OF DEATH

The bullet wound of Mr. Foster's head and brain, with its vital reaction, represents the definitive cause of his death.

The postmortem findings demonstrated in this case are typical and characteristic of such findings in deaths due to intentional self-inflicted intraoral gunshot wounds. Following complete postmortem examination, there was no other trauma identified that would suggest a circumstance other than suicide. In addition, it is exceedingly unlikely that an individual of Mr. Foster's physical stature (6 feet 4 1/2 inches in height, 197 pounds in weight) could have been overcome by an assailant inflicting an intraoral gunshot wound without a struggle and there not to have been some other injury sustained at the time.

2. BULLET PATH

The large quantity of gunpowder residue present on microscopic sections of the soft palate indicates that Mr. Foster placed the barrel of the weapon into his mouth with the muzzle essentially in contact with the soft palate when he pulled the trigger. Recovery of Foster's DNA type from the muzzle of the revolver by the FBI Laboratory is strong supportive evidence that associates the weapon with the deceased. The absence of visible blood on the revolver is not inconsistent with the self-inflicted

bullet wound he sustained. Visual or chemical identification of blood on the weapon in gunshot wound suicides is a common but by no means universal finding. There were no flame burns from the muzzle blast identified within the mouth, nor would injury of such type necessarily be expected.

The bullet perforated the soft palate, entered the cranial cavity directly to the left of the foramen magnum, contused the left side of the brainstem, grazed the medial aspect of the left cerebral hemisphere and exited through the occipital skull and scalp. This wound caused instantaneous, complete incapacitation, followed by clinical death within a matter of minutes. There was a secondary, ring-like fracture of the skull, a common associated finding in such cases, that extended symmetrically from the base of the skull across the calvarium.

3. LOCATION OF FATAL EVENT

It is our opinion that the death occurred where the body was found at Fort Marcy Park, Virginia. The relatively pristine nature of the exposed skin surfaces of the deceased and of his clothing precludes any other scenario. Substantially greater contamination of skin surfaces and clothing by spilled and/or smeared blood would have been unavoidable, had the body been transported postmortem to the place where it was found. Precisely such contamination was, in fact, documented following actual transport of the body from the scene of death to Fairfax Hospital, and from there to the medical examiner's office. There was no such contamination when the body was examined and photographed at the scene.

4. TIME OF DEATH

Given the limitations of available information, it is not possible further to define the postmortem interval than within the broad range of when the deceased was last seen alive to the time the body was discovered.

5. TOXICOLOGY

Toxicological examination by the FBI Laboratory of blood obtained at autopsy revealed trace amounts of trazodone and small quantities of diazepam (Valium) and its metabolite, nordiazepam. The finding of trazodone, an antidepressant, confirms the history of Foster's taking a single tablet the evening prior to his death from a prescription ordered by his doctor earlier that day. There was no alcohol or any other toxic substance in Foster's body.

6. POSITION OF THE BODY

The deceased was found supine, with his arms and legs extended. Given the steep (approximately 45 degree) slope on which his body was resting, we believe that he was seated when the weapon was discharged. After firing the weapon, because of the sloped terrain, he would have fallen backward, with his arms falling to their respective sides by gravity, aided on the right by the weight of the revolver affixed to his thumb (see below, number 8). Had he been standing, he would not have ended up in the orderly position in which he was found. Had he been lying down, it is likely that the bullet would have been recovered from the ground beneath his head. It was not. Bullet-generated trauma to the brainstem would have rendered Mr. Foster instantly unconscious and unresponsive.

Although the amount of extravasated blood at the scene of death was characterized by some observers as being less than the expected quantity, a pool of blood was, in fact, found under the head of the deceased when the body was turned, and the upper back of his shirt was noted to be blood soaked. These observations notwithstanding, any relative lack of extravasated blood can be readily explained by the position of the body on the steeply inclined slope, with blood settling postmortem to the dependent portions of the body, i.e., below the level of the head wounds, and by the prompt cessation of cardiovascular activity incident to the bullet wound injury of the brainstem.

7. POSITION OF THE HEAD

According to multiple observers at the scene, the head was facing forward when Foster's body was found, an observation confirmed in scene photographs. There were linear blood stains coursing across the right side of the face, emanating from the nose and mouth. A broad transfer-type blood smear was present at the right side of the chin and neck, precisely corresponding to a similar blood stain of the right collar area of the shirt. For obvious reasons, the head must have been facing to the right when the body was found or have been turned to the right when the body was being examined at the scene. In either circumstance, blood accumulated in the nose and mouth from the bullet defect of the soft palate and base of the skull would have spilled over the face and soiled the right shoulder and collar of the shirt. The finding of the head facing forward and the right sided blood stains are mutually exclusive. We conclude that a rightward tilt of his face was changed to a forward orientation by one of the early observers before the scene photographs were taken.

8. POSITION OF THE WEAPON

Scene and autopsy photographs demonstrate that Mr. Foster's right thumb was trapped and compressed between the trigger and

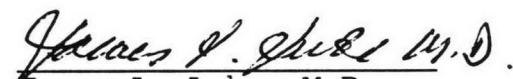
the front of the trigger guard. In addition, there was gunpowder residue on the surface of his right index finger facing the thumb, extending from the distal joint to the web area of the thumb and, according to the autopsy report, similar material, but of lesser quantity, at the corresponding aspect of the left index finger. With the barrel of the revolver placed into the decedent's mouth, the only source of such gunpowder would be the gap between the cylinder and the frame of the weapon. Multiple test firings of the revolver in the FBI Laboratory conclusively demonstrated that gunpowder residue escapes from its cylinder gap. The laboratory studies and the anatomic findings indicate that Mr. Foster's index fingers were in the vicinity of the cylinder gap when the weapon was fired. In addition, flecks of scattered stippled material were observed on the skin surfaces of the lower face in scene photographs and in those autopsy photographs taken before these surfaces were washed. Washing markedly reduced their number. The origin of this material, i.e., whether it represents gunpowder residue, blood spatter or some other foreign material, is uncertain.

SUMMARY

We conclude that Mr. Foster died from a self-inflicted bullet wound delivered with suicidal intent and that the death occurred where the body was found, at Fort Marcy Park, Virginia.



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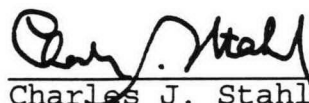


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TRANSCRIPT OF NOTE

I made mistakes from ignorance, inexperience and overwork

I did not knowingly violate any law or standard of conduct

No one in The White House, to my knowledge, violated any law or standard of conduct, including any action in the travel office. There was no intent to benefit any individual or specific group

The FBI lied in their report to the AG

The press is covering up the illegal benefits they received from the travel staff

The GOP has lied and misrepresented its knowledge and role and covered up a prior investigation

The Ushers Office plotted to have excessive costs incurred, taking advantage of Kaki and HRC

The public will never believe the innocence of the Clintons and their loyal* staff

The WSJ editors lie without consequence

I was not meant for the job or the spotlight of public life in Washington. Here ruining people is considered sport.

* A transcript of the note prepared by the Park Police identifies this word as "legal."

REVIEW & OUTLOOK

Who Is Vincent Foster?

In its first few months, the Clinton White House has proved itself to be careless about many things, from Presidential haircuts to appointing a government. But most disturbing is its carelessness about following the law.

While we have our own complaint that we will presently explain, we hasten to point out that our concern is shared by at least two federal judges. Indeed, they're exploring the largely uncharted legal ground of use of the contempt power to get the Clinton Crowd to obey the law.

In a suit over preservation of computer tapes from the Reagan-Bush era, Judge Charles R. Richey has already issued a contempt order because the administration "dillydallied" in following his earlier order, and threatens \$50,000-a-day fines against the White House and National Archives. Now Judge Royce Lamberth has threatened contempt unless the Hillary Clinton health task force takes steps to follow his order to preserve materials relating to its activities.

Quite frankly, we have mixed emotions about these developments. We think that in the post-Watergate era, the executive branch has been on the short end of the balance of powers, and that the government would work better if this were redressed. We find Judge Richey's order more than a little presumptuous, and tend to think the law before Judge Lamberth is a legislative intrusion on executive power. But we can understand that both judges reacted to a certain lack of seriousness—contempt in its most basic meaning—toward legal rulings.

Judge Lamberth's case, for example, concerned whether the Hillary task force had to follow the Federal Advisory Committee Act, in which Congress prescribed hoops Presidents have to jump through in appointing outside commissions. Judge Lamberth held much of the law unconstitutional and laid out what might be seen as accommodating requirements, but dismissed the argument that this was not an outside commission because Mrs. Clinton was "the functional equivalent" of a government employee.

The government appealed the latter finding in a still-pending case; in the oral arguments Judge Laurence Silberman asked whether she took an oath of office or could be impeached. Meanwhile, the task force simply ignored the rest of Judge Lamberth's rulings, for example holding meetings without adequate notice.

We've been having a similar problem with Vincent Foster, deputy White House counsel and one of Mrs. Clinton's former partners in the Rose Law Firm in Little Rock. After we succeeded in making Webster Hubbell famous, it occurred to us we might have occasion to repeat the favor for other Rose partners, and requested photographs of Mr. Foster and associate White House counsel William

why he should supply the Journal with a photo."

Given this encouragement, we filed a request for photos of Mr. Foster and Mr. Kennedy under the Freedom of Information Act. The act requires officials to respond within 10 business days, a deadline that expired May 21. Despite repeated inquiries with those officials who return our calls, the White House still owes us

either some photographs or an explanation of why our request has been refused.

At one point, we were told it ought to be worked out, and were referred to deputy press spokesperson Ricki Seidman, who seems not to return calls from our editorial page staff. David Gergen was not exactly overjoyed that we held up public complaint until he arrived, noting that our artists have already converted his photograph into a dot-drawing. But he seems to have jolted the matter off dead center; we're now told there's a draft letter somewhere in the bureaucracy saying the FOI Act does not apply to the White House counsel's office, but the press office can give us photos if it chooses. So we're back to the Seidman black hole, but the letter should be interesting reading.

No doubt Mr. Foster and company consider us mischievous (at best). Of course the Clinton administration has little reason to love us. Back when the rest of the press was in its pre-Waco honeymoon, we were already pulling the loose strings of the basic "New Democrat" lie. Still, we remain supportive when Mr. Clinton returns to that campaign theme, as with NAFTA. Indeed, when Mr. Hubbell proved man enough to face public hearings on his appointment as associate attorney general, we saw no reason he should be denied confirmation. Even if we were as uniformly hostile as sometimes charged, there are larger points here. How an administration deals with critics is a basic test of its character and mores, and how scrupulously it follows the law is even more directly significant.

Does the law mean one thing for critics and another for friends? Will we in the end have to go to court to get a reply, or will even that work? Does it take a \$50,000-a-day fine to get this mule's attention? Will a task force bearing the First Lady's name blithely ignore a district court order even as its appeal is being heard by the D.C. Circuit? Judge Lamberth demanded, "I want a name and address of who's going to be accountable, who's going to be held in contempt if there are documents destroyed."

Who ensures that this administration follows the law, or explains why not? A good question. While Constitutional law may not have been the big deal it once was, it still seems to us that a good man for the job would be deputy counsel Foster.



REVIEW & OUTLOOK

Vincent Foster's Victory

Meet Vincent Foster, movement conservative.

Vincent Foster is one of the White House lawyers from the Rose Law Firm, whose picture we've been seeking through the alleys and byways of the Freedom of Information Act. The picture arrived in time this week for us to celebrate Mr. Foster's victory yesterday in the battle over Hillary Clinton's status as head of the Clintons' health care task force.

An appeals court ruled Tuesday that, as Mr. Foster had been arguing, Mrs. Clinton is indeed the "functional equivalent" of a federal employee, at least as concerns compliance with the Federal Advisory Committee Act, or FACA (as in "focka").

The FACA Fight, initiated by various health and doctors' groups, was over whether the Hillary Clinton Health Task Force had to hold its meetings in public, which is what FACA requires when private citizens are serving on a President's advisory committees. Or whether Hillary, the functional federal equivalent, could hold her meetings in secret, as she desired. The appeals court said, sure, go ahead and meet in secret if you want. That's a win for the White House.

However, the court also said it didn't have a clue as to what exactly the task force's so-called "working groups" were all about, or whether FACA applied to their members. The White House said those are all federal employees, too, so they can hold secret meetings. But the appeals court said the legal status of these people isn't at all clear, and ordered the district court to revisit the FACA netherworld to explore such issues as whether some of Hillary's helpers are "special government employees" or "full time" or "intermittent" or "consultants."

Finally, the court said the plaintiff doctors groups get to look at the almost football-field's worth of paper and documentation that the working groups have piled up by now.

As we say, for achieving these outcomes we think Mr. Foster deserves a salute from conservatives. With one mighty sweep he has struck a blow for separation of powers, executive authority, critics of the litigation explosion, and we dare say, even for the

Conservatives have worried - out loud for years about inroads against the President's ability to carry out the functions of his office. In particular, conservatives have noted Congress's instinct to usurp presidential authority, tipping the balance of powers in the legislature's favor. Thus, particular or parochial interests subsume any national interest that a President is elected to represent.

Judge Laurence Silberman, writing for the appeals court (and alluding to Alexander Hamilton along the way), noted: "The ability to discuss matters confidentially is surely an important condition to the exercise of executive power. Without it, the President's performance of any of his duties . . . would be made more difficult. In designing the Constitution, the Framers vested the executive power in one man for the very reason that he might maintain secrecy in executive operations."

Alas, the Clintonites, as is their wont, again allowed hubris to smother mere principle. Instead of a more well-defined operation, they went secret over changing the entire American health care system. Even defenders of executive authority would blanch at such imperial overstretch.

And so now the Clintons will discover the pleasures of the litigation explosion as defined by former Vice President Dan Quayle. Instead of doing productive work, they will spend days bringing forth box after box of documentation, while arguing with a judge about "intermittent" vs. "full-time"—just the way private companies do for the federal prosecutors and agency bureaucrats who enforce the kinds of vague laws that the Clintons' political philosophy favors. Dan Quayle has further details.

As for Iran-Contra, we suspect that Vincent Foster and Ollie North might hit it off. After all, we're supposed to believe that the health task force "officially" disbanded on May 30, and so FACA's requirements are moot. That is, we're supposed to believe that Mrs. Clinton and her associates will never ever hold off-the-books meetings with "non-government" advisers to get the reform plan finished.

Mr. Foster's boss, Bill Clinton, often rails against the gridlock of the "last 12 years." For that reason, we're glad that the case of *Association of American Physicians and Surgeons v. Hillary Rodham Clinton, et al.* has given a Democratic administration the opportunity to explore the questions of presidential authority discussed by Judge Silberman and his



Vincent Foster

What's the Rush?

So the gang that pulled the great travel office caper is now hell-bent on firing the head of the FBI. The news reports say that William Sessions has already offered to resign pending approval of a successor; we wish someone would explain to us the hurry.

The FBI director, whatever the incumbent's shortcomings, was given a 10-year term to provide some measure of political independence. To be sure, the President has a right to fire the director, as President Truman fired General MacArthur. But that is not to say every incoming president is justified in firing an incumbent and appointing his own director. We do not want law enforcement put at the disposal of this or that political faction.

If Mr. Sessions is fired it will of course be for ostensible cause, as the travel office firings were over expense records. His sin was to take his wife on his government airplane, and to claim for tax purposes that his limousine was a law enforcement vehicle because he carried firearms in the trunk. Even if he did not use the plane for haircuts, this is apparently deemed reason for summary dismissal. In the travel office case, by contrast, Associate White House Counsel William Kennedy III earned a meaningless letter of reprimand for misusing the FBI's investigative powers.



William Sessions

We hope Mr. Sessions pointed this out to White House Counsel Bernard Nussbaum, who sat in with Attorney General Janet Reno and Deputy Attorney General Philip Heymann in the shoot-out with Mr. Sessions on Saturday. Also present was Associate Attorney General Webster Hubbell, the man who brokered a meeting that resulted in the Justice Department reversing its position in the corruption trial of a member of congress. Mr. Hubbell and Mr. Kennedy are alumni of Little Rock's Rose Law Firm, as are Mrs. Clinton and Deputy White House Counsel Vincent Foster, both of whom were involved in the travel-office affair.

The leaks on Saturday's meeting are that Webb Hubbell et al. told Mr. Sessions to resign or be fired, probably today; on the way out he stumbled on a curb and broke his elbow. Presumably Mr. Sessions is leaving sooner or later; the conventional wisdom within the Washington Beltway has certainly run against him, for whatever that's worth. He has apparently alienated important subordinates, perhaps because he's a poor administrator. Or perhaps, as he claims, because of

women. The opposition has a bipartisan patina, since the charges against him were originally leveled by Bush Attorney General William Barr on his last day in office.

The original Bush administration investigation, it should be carefully noted, was announced immediately after it became public that the FBI had launched an investigation into the controversial prosecution of the head of the Atlanta branch of the Banca Nazionale del Lavoro over illicit loans to Iraq. Mr. Barr's own investigator, a prominent former judge, excoriated the Justice Department handling of the BNL case, but we're not sure the final word has been heard.

President Clinton met Friday with Federal Judge Louis J. Freeh of New York, reportedly the leading contender as Mr. Sessions' successor. Judge Freeh is fine by us, but his meeting with the President only deepens the mystery over the hurry. If the choice of a successor really is imminent, why not get him nominated? If Mr. Sessions resigns we worry that Judge Freeh, given the record of the Clinton appointments process, may trip over a Kimba problem or somesuch. The agency would be left adrift and the appointment up for grabs.

Our Washington bureau reported in March that the administration was intent on getting rid of Mr. Sessions in order to replace him with Richard Stearns, a judge on the Massachusetts Superior Court. Judge Stearns and President Clinton were war protesters together as Rhodes Scholars at Oxford. Judge Stearns was also a deputy campaign manager in George McGovern's 1972 presidential race, as well as national director of delegates in Sen. Edward Kennedy's 1980 presidential nomination bid.

This kind of appointment would be another matter indeed. We are far enough along toward making the FBI job a political football. Mr. Sessions is leaving under attack from various quarters; his predecessor, William Webster, left to become Director of Central Intelligence, only to resign that job rather abruptly. Strange things are going on in law enforcement, as the BNL and BCCI cases show. The mores on display from the Rose alumni are far from confidence-building. It seems to us Mr. Sessions would do the nation and his agency a favor to stand by his position, leaving when a successor is ready or letting the President take full responsibility for a firing.

Why don't serious people understand this immediately? What kind of a political culture do we have where the big issue is not whether the FBI director fairly enforces the law, but whether he takes his wife

COMMENCEMENT ADDRESS
BY
VINCENT W. FOSTER, JR.

AT
THE LAW SCHOOL
UNIVERSITY OF ARKANSAS
FAYETTEVILLE, ARKANSAS

MAY 8, 1993

There are rare and wonderful occasions when one of the giants in the legal profession articulates a vision of what lawyers ought to be. Those words should be read, reread, treasured and heeded. Such was the vision Vincent Foster captured for all of us in his commencement address to the graduating class of the University of Arkansas School of Law on May 8, 1993, a school where 22 years before he graduated first in his class.

*E. Lamar Pettus
President
Arkansas Bar Association*



REPRINTED BY
THE ARKANSAS BAR ASSOCIATION
400 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

ROADS WE SHOULD TRAVEL

COMMENCEMENT ADDRESS

BY VINCENT W. FOSTER, JR.

Dean Strickman, Dr. Leflar, honored faculty of the University of Arkansas School of Law, class of 1992, family and friends, I cannot tell you what a thrill it is to return to these beautiful hills and celebrate with you the completion of your law school career.

It is humbling for me to deliver this message from a stage shared by so many outstanding teachers, many of whom taught me well. What a challenge it is for any commencement speaker, let alone this one, to attempt to develop and convey to you an uplifting message with any staying power whatsoever, knowing full well the wide range of emotions which are preoccupying you at this moment: Your senses of achievement, appreciation, satisfaction, relief, survival and perhaps apprehension; and particularly some sense of impatience for this speaker to get on with it, deliver his remarks so that you may receive congratulations from your family and friends.

Governor Cuomo reports that when he was first asked to speak at a graduation he sought advice out from Father Flynn, then the president of St. John's University. Commencement speakers, said Father Flynn, should think of themselves as the body at an old-fashioned Irish wake. They need to have you there in order to have the party but they don't expect you to say much.

When Dean Strickman, in Washington a few weeks ago, conveyed to me the invitation, I protested that I was not only unworthy of the honor but unprepared for the experience.

You see, I skipped my commencement ceremonies some 22 years ago. This is the first law school exercise that I have ever attended.

The law school commencement at that time was a mass joint enterprise with all the other schools on campus, and since I have not been much on ceremony, and since I felt I knew everything there was to know, I rationalized that I should rush to Little Rock to assume my new job and save on the rental gown. My wife, Lisa, who put me through law school with much personal, professional and financial sacrifice, would have been relegated to the balcony and did not object.

Maturity and experience have taught us that we were wrong. We had much to learn and time to spare. We would have benefited from one last celebration with our professors and our friends and families, and we would have profited by pausing one more time to think about where we had come from and where we were going and what roads we should travel.

This invitation has caused me to stop this hectic and challenging adventure I am on in Washington to think about the roads I have traveled to get there and the roads I wish I had traveled. This reflection has focused me on some turmoil on the roads before you – the choices and opportunities and challenges you will have as lawyers of this time and place in history.

I congratulate you on this achievement. You have sacrificed a considerable amount of your time on earth. You have mastered a strange new language. You have postponed the start of your vocation. You've experienced a full measure of peer competition. You've been swept up in rapid rumors in job opportunities and job conditions. You've changed your daily work ethics, and you have forgone many of life's simple pleasures. Some of you have earned special recognition this afternoon, and we all congratulate you.

But, tomorrow, my friends, the slate is wiped clean again. Prospective clients don't inquire about class rank. The local bar association you will join does not have a special class of membership for law review staffs. Judges and jurors will not ask to see your resume.

You will be evaluated instead by your product, your energy, your temperament and your backbone. The reputation you develop for intellectual and ethical integrity will be your greatest asset or your worst enemy. You will be judged by your judgment.

The practice of law you've already learned does not lend itself to true-and-false analysis. If the problem is black or white, the client does not need a lawyer.

Instead, your challenge will be to use your education and all your life's experiences to exercise good judgment to select from among the shades of gray.

Practice law with excellence, with pride in your product. Treat every pleading, every brief, every contract, every letter, every daily task as if your career will be judged on it.

Each client is entitled to your best effort. Practice law with a heart. The clients you represent will remember you long after you have forgotten their names. While routine for you, what you are doing for them may be the most important thing in their lives.

For most, you'll be the only lawyer they will ever come into contact with, and they form their perception of our justice system and your profession on how you treat them as a person and the quality of your work.

Practice law with consideration and courtesy. No matter how righteous the cause or clear your victory,

assure that your adversary with his or her client leaves with dignity.

As Judge Perry Whitmore in Little Rock used to tell us, you can disagree without being disagreeable. Besides, your adversary today may be your judge tomorrow.

Following the bar exam, your most difficult test will not be of what you know but what is your character. Some of you will fail.

The class of 1971 had many distinguished members who also went on to achieve high public office. But it also had several who forfeited their license to practice law. Blinded by greed, some served time in prison.

I cannot make this point to you too strongly. There is no victory, no advantage, no fee, no favor which is worth even a blemish on your reputation for intellect and integrity.

Nothing travels faster than an accusation that another lawyer's word is no good. A judge who catches you in a disingenuous argument or a mis-characterization of a case will turn hard of hearing when you next show up to argue.

Dents to the reputation in the legal profession are irreparable. Every lawyer I know carries around a mental black book which is recorded in indelible ink the names of his adversaries who breached the presumption of good-faith dealing.

Each of you, I hope, will strive always to set your professional goals and your personal goals out there just barely at the end of your reach. Stretch your talents, grasp beyond the closest branch, take a risk, stick your neck out, speak your mind, challenge the status quo and conventional wisdom. Do not just accept responsibility. Chase it down.

You will have failures and disappointments. Take comfort in knowing that opinions of those who really matter will never be as forgiving of your failures or as admiring of your victories as they are at this stage of your career.

Sometimes doing the right thing will be very unpopular with your other clients and with the pundits at the local coffee shop. When the heat of controversy swarms around you, the conviction that you did the right thing will be the best salve and the best sleeping medicine.

Listen to each other; listen to older lawyers. If I could have one wish for each of you, it would be to find a mentor who will bring you along, and whose values will be the ones you admire and absorb. In my experience, that is the critical key to professional success and happiness.

Even with such a mentor you will go home some nights feeling like you never want to practice again - the way you've done here after an exam or a Moot Court argument went badly.

But you will go home other days anxious to get back again and slay the dragon. In a few short years you will be a mentor to some new lawyer. Start preparing now to be a good one, to be the kind of mentor that you would want for yourself. Strive to be a lawyer whom other lawyers admire.

Along the way you will receive recognition for achievement, a complimentary newspaper article, an award, a plaque, and if the gods are with you, maybe even a commencement address. When you smile for the camera and bask in the applause and take your bow, pause and reflect and recognize who helped you get there. Your spouse, your law partner, your parents, your friends.

Because there will also be failures, and criticisms and bad press and lies, stormy days and cloudy days, and you will not survive them without the support of those same spouses, law partners and friends. So it is.

I pause: Three weeks ago my wife, Lisa, and I celebrated our 25th anniversary, and it was here in Fayetteville in law school where we celebrated our first. Like many in this audience, she began by putting me through law school. For 22 years she has always encouraged me to persevere and aim higher. She has been my editor, my jury consultant and my best friend. I wish for all of you, a Lisa.

A word about family: You have amply demonstrated that you are achievers willing to work hard, long hours, to set aside your personal lives. It reminds me of that observation that no one was ever heard to say on their death bed, I wish I had spent more time at the office.

Balance wisely your professional life and your family life. If you are fortunate to have children, your parents will warn you that your children will grow up and be gone before you know it. I can testify that it is true. God only allows us so many opportunities with our children to read a story, go fishing, play catch, say our prayers together. Try not to miss a one of them. The office can wait. It will still be there when your children are gone.

This ceremony is called a commencement because it's a new journey. Your law school studies are completed, but your education is just under way. Continue to study, but don't limit your studies to the law. If you strive to become a great lawyer, you must be more than a lawyer.

We are defined as persons and lawyers by the depth and variety of our experiences. Continue to broaden your horizons. Read religiously - works other than law.

Travel. By all means travel every chance, everywhere you can. Travel the back roads, not the interstates. Mingle with those of different backgrounds and cultures and ages.

Quietly observe your fellow man. Sit still and listen to those who are different from you. Look and listen for the values that you share, which you have in common.

Tolerance does not come naturally to any of us. You must work at it. We all must work harder at it.

Take time out for yourself. Have some fun, go fishing, every once in a while take a walk in the woods by yourself. Learn to relax, watch more sunsets. Those of you who do not have your life planned out, don't worry. It wouldn't turn out the way you planned it in any event.

I know there is tendency to want a job with the expectation that it will be your sole life's work, but I hope that does not prove to be the case for you.

Having waited 22 years to make my first career change, as satisfying and successful as that first career was, today I would travel a number of different routes instead.

I hope you will consider trying the wide variety of professional opportunities that the practice of law will offer you. Spend some time in public service, whether as an assistant to the prosecutor or a public defender, or a legal service program. Or go to Washington and work for a congressional delegation or one of the federal agencies. Or go to your state capitol and work for a state agency or state commission. Or run for the legislature, school board, city council, or teach at your community college.

But whatever you do, choose a professional life that satisfies you and helps others. If you find yourself getting burned out or unfulfilled, unappreciated or the profits become more important than your work, then have the courage to make a change.

Public service, even volunteer service, presents difficult choices for you, I know. Those of you who have student loans, have deferred buying homes, and deferred other material objects, and you are anxious about the debt, you are anxious about the job market. I understand. But there will be ample time and opportunity for you to make a good living.

But it won't be enough for you to make all the money you can. No matter how successful you are financially, your professional lives will be unhappy if you do not devote some measure of your task to improving your profession and your community. You can do good and still do well.

The First Lady said it best recently. She said service means you get as well as you give. Your life is changed as you change the life of others. It is the way we find meaning in our lives.

Now, I am not under any illusion about why I was invited here today. I know that 48-year-old commercial trial lawyers are not on the short list of graduation speakers. It must have something to do with my recent job change.

That job change has either added credibility to my voice or made me somewhat of a curiosity. And some would ask what motivates one with a comfortable practice in a prominent law firm, to dislodge his family for a new job with longer hours, with half the pay, in a

city that costs twice as much to live.

But the reason I am on this new adventure in Washington is because our country is in transition. The people, the citizens, have demanded a change in our government. They are talking back to it in record numbers. The President receives almost a million letters a month. The White House phone lines are jammed.

Middle-aged Americans all over this country are volunteering to join the administration, to leave lucrative practices and businesses, and to participate in changing our government. Washington is teeming with young people just like you, from all over this country, from all walks of life, who have a sense of a common purpose and desire to be involved.

When we leave work at night, we pull up to a large heavy gate that surrounds the White House complex. While the Secret Service guards slowly open that gate, I always look to my right, and inevitably there are dozens of people aligned along that iron fence that runs along Pennsylvania Avenue, holding on the bars, peering through intently at the White House lit in the background.

When I look into their faces, I can tell that each has hope for something from their government. It is a wonderful reminder of why we are there. I am more encouraged than I have ever been that the pendulum has begun to swing back; that there is a renewed spirit of common purpose; that Americans, particularly your generation, are again acknowledging that it is the duty of all of us to use all that we have been given to make this a better world, not just for ourselves or our families, but for everyone on this earth.

In my job I have now found myself surrounded by young people just like you, who have energized me with their vigor, their optimism, their new ideas. I sense that same spirit in this auditorium today, this auditorium made for optimists and doers.

I have the feeling that you are believers and doers who will make something better of what we have handed you. You are the reason for hope because you can be the agents for change - change of your community and change of your legal profession.

The President last week addressed a group just like you. And he said, "Our country needs you. We need your knowledge, your initiative and your energy. We need you because you are still free of the cynicism that has paralyzed too long your parents and your grandparents who led us to spend too much time talking about what we can't do, instead of seizing what we can do."

Like those people along the iron fence on Pennsylvania Avenue, I look into your faces and I see your potential to restore responsibility to our profession and to our society. I see your potential to restore a sense of community, to use your talents to help others and to be fulfilled. God bless you and good luck to you.

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF HEALTH
OFFICE OF THE CHIEF MEDICAL EXAMINER
NORTHERN VIRGINIA DISTRICT
9797 BRADDOCK ROAD
SUITE 100
FAIRFAX, VA 22032-1700
PHONE (703) 764-4640



Autopsy No. 353793
Date 7/21/93
Time 10:00 A.M.

REPORT OF AUTOPSY

DECEDENT VINCENT FOSTER
First Middle Last

Autopsy Authorized by: Dr. Donald Haut - Fairfax County

Body Identified by: U.S. Park Police Tag - 7/20/93
Persons Present at Autopsy:
James C. Beyer, M.D.; Det. James G. Morrissette, U.S. Park Police

Rigor: complete X jaw _____ neck _____ arms _____ legs _____
Livor: color pale red distribution: posterior
Age 48 Race W Sex M Length 76 1/2" Weight 197 Eyes hazel Pupils: R RRE L RRE
Hair greying black Mustache no Beard no Circumcised yes Body Heat cool

Clothing, Personal Effects, External wounds, scars, tattoos, other identifying features: See attached sheet.

PATHOLOGICAL DIAGNOSIS:

CARDIOVASCULAR SYSTEM: Heart, no evidence of hypertrophy, valvular or congenital abnormalities. Epi and endocardium, no evidence of fibrosis or inflammation. Coronary arteries, normal origin and distribution; no significant alteration all segments. Myocardium, no evidence of fibrosis, inflammation or infarction. Aorta, minimal arteriosclerosis.
RESPIRATORY SYSTEM: Larynx, trachea and bronchi, no evidence of trauma, obstruction or inflammation. Lungs, pulmonary congestion; aspiration or blood. No evidence of inflammation or pulmonary artery emboli. Hemidiaphragms intact.
LIVER: No evidence of trauma or inflammation.
SPLEEN: No evidence of trauma.
PANCREAS, ADRENAL AND THYROID GLANDS: No significant alteration.
G.I. TRACT: No evidence of trauma, hemorrhage or inflammation.
GENITOURINARY TRACT: Kidneys, no evidence of trauma or inflammation. Urinary bladder and genitalia, no significant alteration.
HEAD: Perforating gunshot wound - entrance in mouth in posterior oropharynx with wound crack extending backward and upward with exit from back of head.

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CONTENTS NOT TO BE DUPLICATED

Cause of Death:
PERFORATING GUNSHOT WOUND MOUTH - HEAD

Provisional Report _____
Final Report

The facts stated herein are true and correct to the best of my knowledge and belief.

July 28, 1993 NO VA ME OFFICE J. C. Beyer
Date Signed Place of Autopsy Signature of Pathologist
James C. Beyer, M.D.

CME Form No. 10—Revised 6/89

A COPY TESTE: JUL 28 1993
J. C. Beyer

GROSS DESCRIPTION

PLEURA, PERITONEUM
& PERICARDIUM:

Intact, smooth and glistening.

HEART:

350 gm. No valvular or congenital abnormalities. Epi and endocardium, thin and transparent. Coronary arteries, normal origin and distribution; right coronary artery predominant; no significant alteration all segments. Right ventricle 3 mm.; left 13 mm. The myocardium is intact and grossly free of any signs of fibrosis, inflammation or infarction. Aorta, minimal arteriosclerosis.

LUNGS:

Right 870 gm.; left 840 gm. Larynx, trachea and bronchi, intact and free of trauma, obstruction or inflammation. Both lungs are intact and on section there is extensive congestion as well as aspiration of blood. No evidence of inflammation or pulmonary artery emboli. Hemidiaphragms intact.

LIVER:

1640 gm. Capsule is intact and smooth and the free edges are sharp. On section there is no evidence of trauma, fibrosis or nodularity.

GALLBLADDER:

No significant alteration.

SPLEEN:

130 gm. Capsule intact.

PANCREAS, ADRENAL
& THYROID GLANDS:

No significant alteration.

G.I. TRACT:

Stomach contains a considerable amount of digested food material whose components cannot be identified. No evidence of hemorrhage or inflammation.

KIDNEYS:

140 gm. each. The capsules strip with ease to reveal an intact pale smooth surface. No trauma or inflammation.

URINARY BLADDER:

Wall intact; urine clear.

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GENITALIA:

No significant alteration.

BRAIN:

1420 gm. Perforating gunshot wound mouth-head; entrance wound is in the posterior oropharynx at a point approximately 7½" from the top of the head; there is also a defect in the tissues of the soft palate and some of these fragments contain probable powder debris. The wound track in the head continues backward and upward with an entrance wound just left of the foramen magnum with tissue damage to the brain stem and left cerebral hemisphere with an irregular exit scalp and skull defect near the midline in the occipital region. No metallic fragments recovered.

MICROSCOPICS:

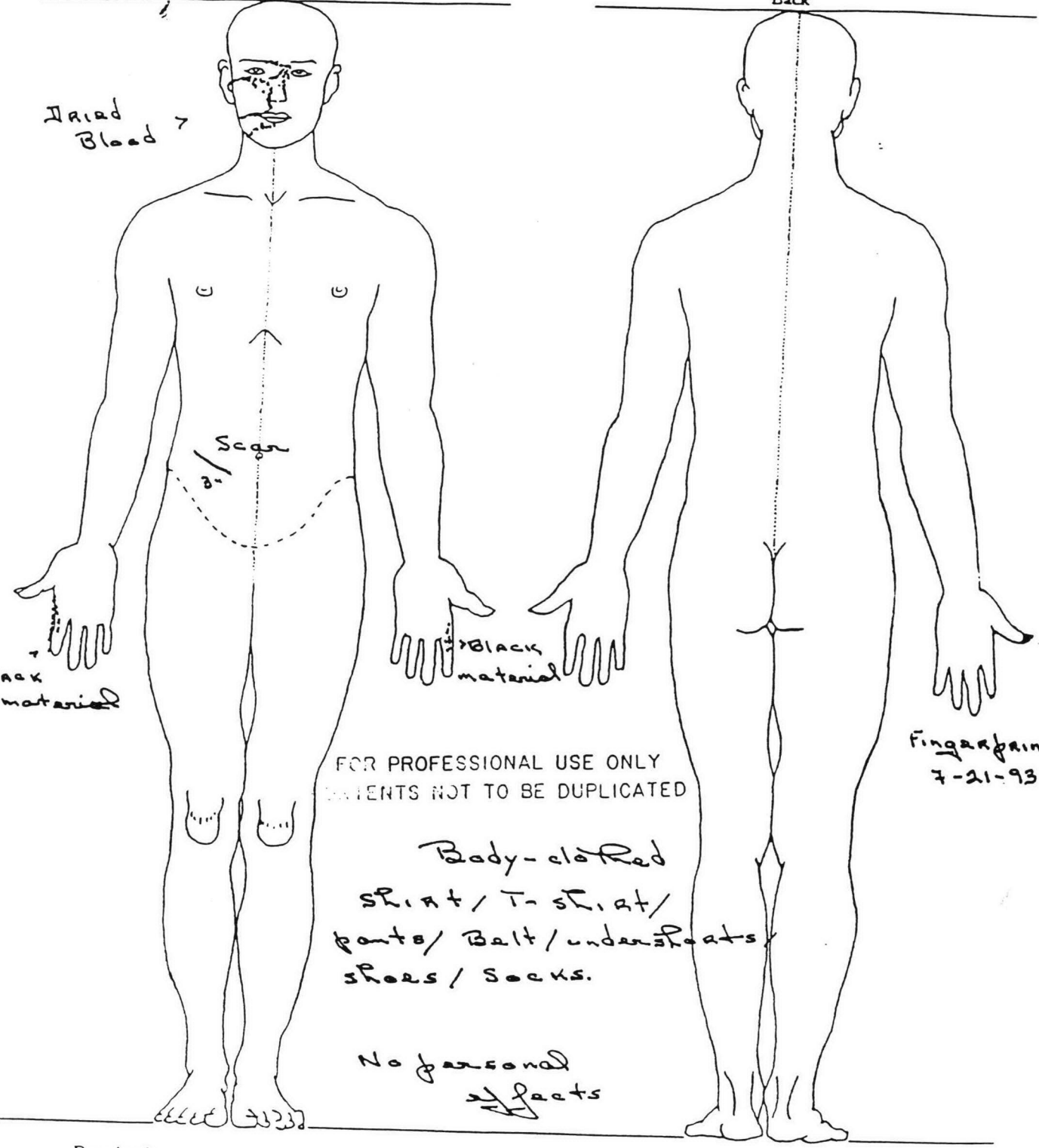
Section of lung reveals alveolar filling by red blood cells; in the liver 3 to 4% of liver cells contain fat vacuoles. Sections of soft palate positive for powder debris.

OTHER LABORATORY PROCEDURES: TOXICOLOGY BACTERIOLOGY DENTAL CHART X-RAY FINGER-PRINT
PHOTOGRAPHY SEROLOGY FORENSIC SCIENCE

cut
8/19.

BODY DIAGRAM

Front Back



Dried Blood

Black material

Black material

Fingerprints
7-21-93

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PATENTS NOT TO BE DUPLICATED

Body-clothed
shirt / T-shirt /
pants / Belt / undershorts
shoes / socks.

No personal
effects

Decedent's Height 76 1/2 inches

Name Vincent Foster

Examined By [Signature] Date 7-21-93

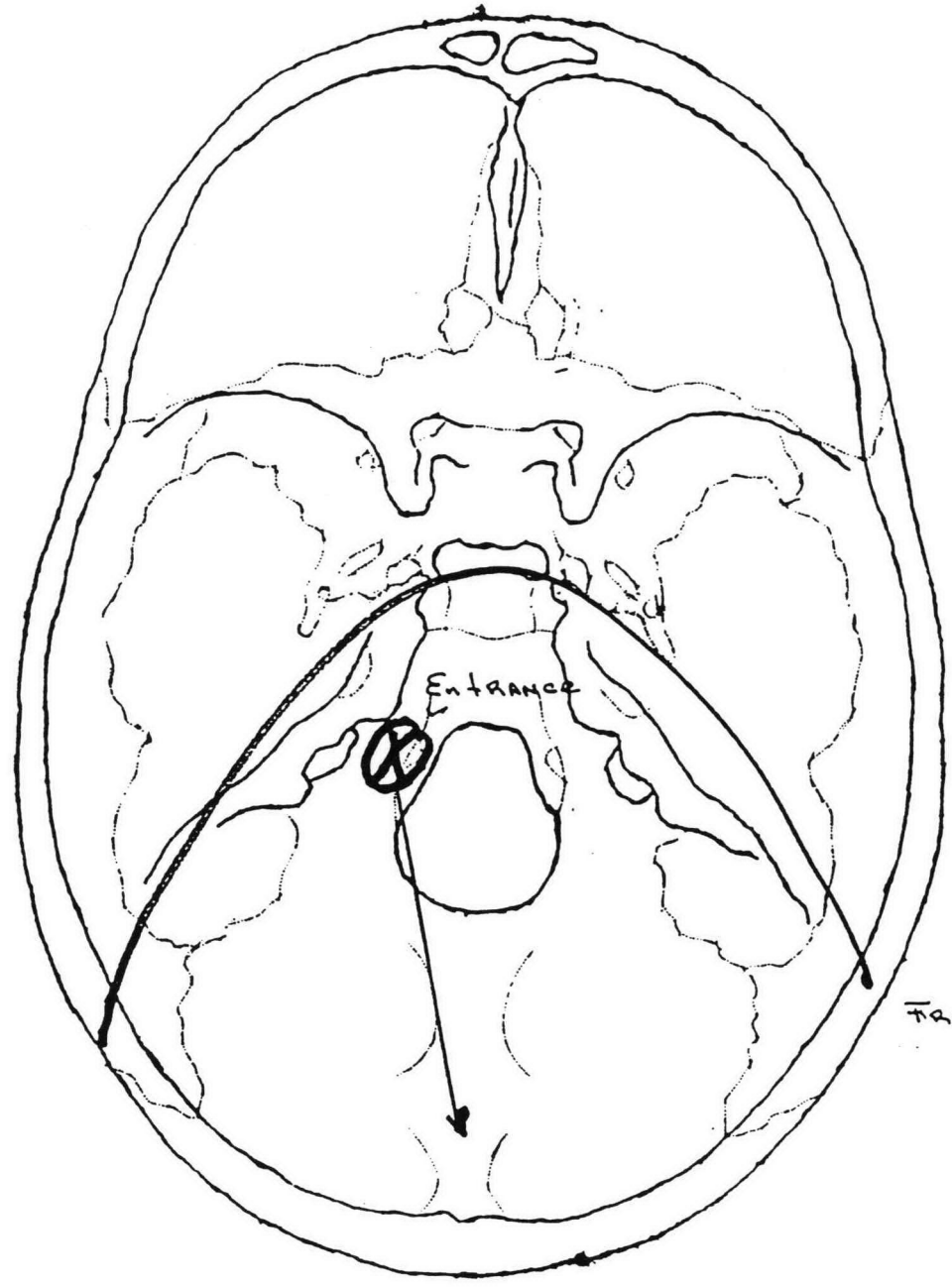
8/4/93

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FRONT

LEFT

RIGHT



BACK

Fracture
line

Vincent Foster

J. C. Bryan

7-21-93

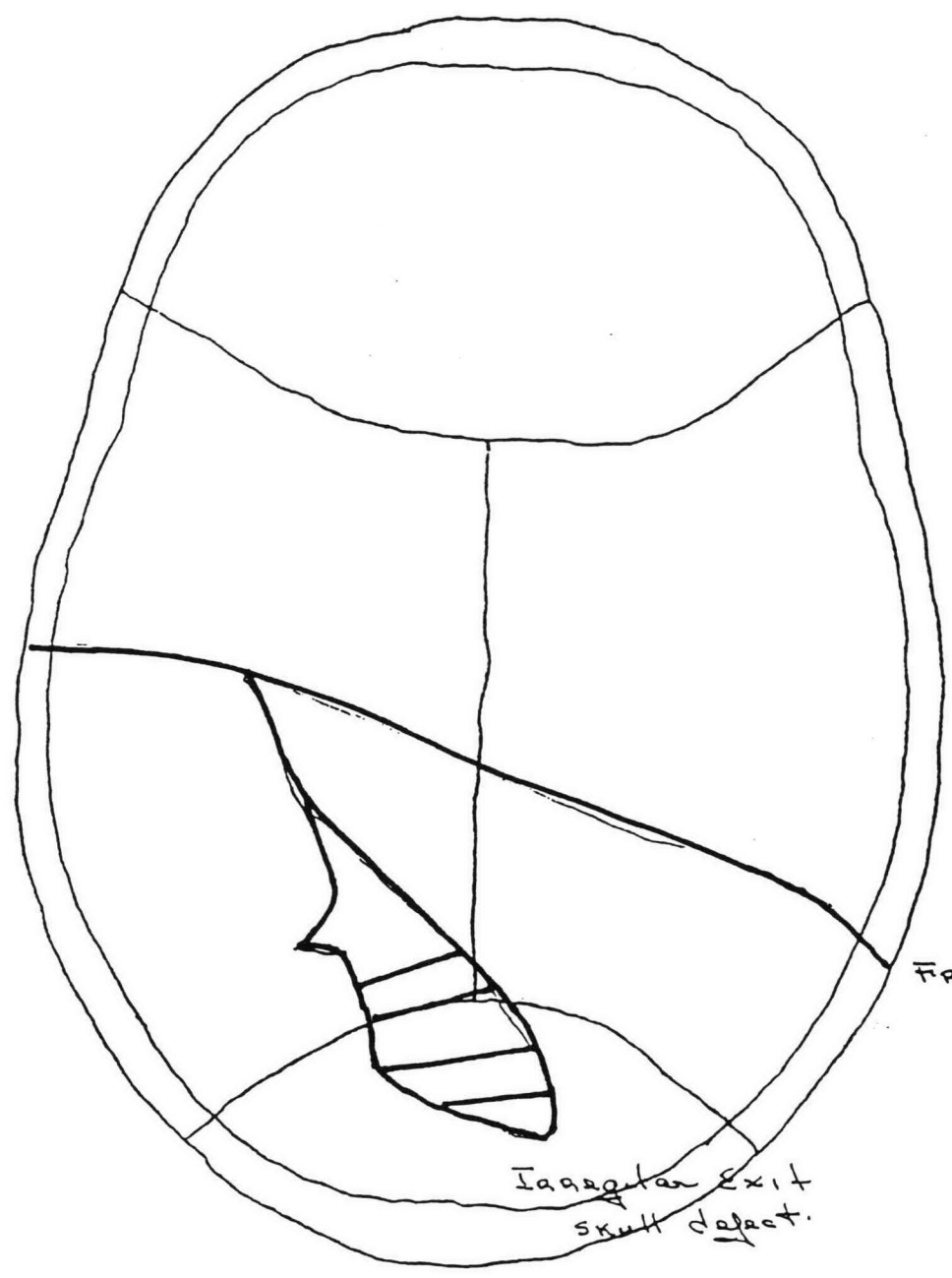
CWH
8/1/93

FRONT

FOR PROFESSIONAL USE ONLY
COPIES NOT TO BE DUPLICATED

LEFT

RIGHT



FRACTURE
Lines

FRAGILE Exit
skull defect.

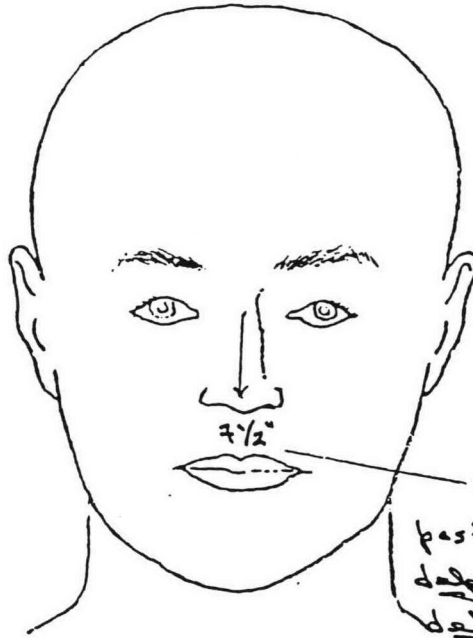
BACK

Vincent Foster

D.O. Bayer 7-21-93

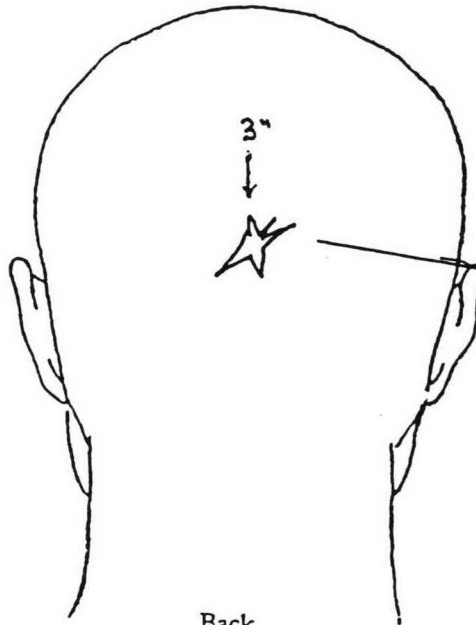
BODY DIAGRAM—HEAD

cutt
8/1/93



Front

Entrance - mouth -
posterior oropharynx - large
defect - soft palate
defect / powder debris
identified.



Back

Penetrating
Gunshot wound

Exit wound -
Irregular wound
1/4" x 1"

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CONTENTS NOT TO BE DUPLICATED

Decedent's Name Vincent Fester

Examined

By J. C. Beyer Date 7-21-93

CVH
2/1/92

GUNSHOT WOUND CHART

Name Vincent Foster City or County Fairfax

		WOUND NO.											
		1		2		3		4		5		6	
		Ent.	Ex.	Ent.	Ex.	Ent.	Ex.	Ent.	Ex.	Ent.	Ex.	Ent.	Ex.
1. Location of wound:	Head	mouth	Back										
	Neck												
	Chest												
	Abdomen												
	Back												
	Right Arm <												
	Left Arm <												
	Right Leg <												
	Left Leg <												
	2. Size of wound:	Diam.											
Width			1										
Length			1 1/4										
3. Inches from wound to:	Top of head	7/2	3										
	Right of midline												
	Left of midline		midline										
4. Powder burns:	On skin	Palate											
	Clothing												
	Absent												
5. Direction of bullet through body:	Backward	✓											
	Forward												
	Downward												
	Upward	✓											
	To right												
	To left												
6. Bullet found:	Calibre	—	—										
	Shotgun												

Photographs made: Yes No X-rays made: Yes No

REMARKS:

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Examined by: [Signature] Date: 7-21-93



Commonwealth of Virginia
Department of General Services
DIVISION OF FORENSIC SCIENCE

CERTIFICATE OF ANALYSIS

July 26, 1993

ORIGINAL
JUL 1993
Received
Northern Laboratory
9797 Braddock Road # 200
Fairfax, Virginia 22032
Tel. No. (703) 764-4600
Fax: (703) 764-4633
TDD/Voice: (804) 786-6152
8/4/93

TO: DR JAMES C BEYER
OFFICE OF THE CHIEF MEDICAL EXAMINER
NORTHERN VIRGINIA DISTRICT
9797 BRADDOCK ROAD # 100
FAIRFAX VA 22032

CC: Dr. Haut

Your Case # 93-353

FS Lab # NL93-4271

Victim(s): FOSTER, Vincent

Suspect(s): - - -

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Evidence Submitted By: Dr. J. C. Beyer

Date Received: 7/21/93

All evidence had been sealed upon receipt.

1 vial blood, 1 vial vitreous humor, 1 container blood,
1 container urine, 1 container liver.

RESULTS:

BLOOD, VITREOUS HUMOR AND URINE: Negative for alcohols and ketones.

BLOOD: - Phencyclidine, Morphine, Cocaine and Benzoyllecgonine: NOT DETECTED.

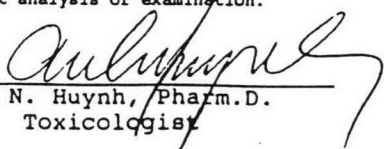
- Other alkaline extractable drugs (benzodiazepines, synthetic narcotics,
tricyclic antidepressants and analgesics): NOT DETECTED.

- Acidic and neutral drugs (salicylates, barbiturates, hydantoins, carbamates
and glutethimide): NOT DETECTED.

URINE: - Drug screen (salicylates, phenothiazines and ethchlorvynol): NOT DETECTED. h

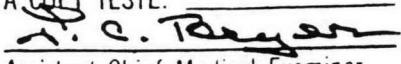
ATTEST:

I certify that I performed the above analysis or examination as an employee of the Division of Forensic Science and that
the above is an accurate record of the results of that analysis or examination.



Anh N. Huynh, Pharm.D.
Toxicologist

ANH/ps

A COPY TESTE: JUL 29 1993

Assistant Chief Medical Examiner

GWMP
Fort Marcy Artifact Inventory

N0E0 Harness, Hardware, Horseshoe (1), Ferrous

N0E15 Unidentified, Metal Object, Ferrous

N5E0 Hardware, Screw, Pitcock?, White metal

N5E5 Military, Button, w/ Eagle, Copper alloy

N5E10 Ammunition, Minie Ball, .57 Caliber, Lead
Ammunition, Shot, Lead

N5E15 Coin, Penny, 1969, Copper

N5W5 Hardware, Nail, Common, Ferrous

S5E10 Hardware, Nail, Common, Ferrous
Hardware, Nail, Unidentified, Ferrous

S5E15 Ammunition, Minie Ball, .57 Caliber, Lead
Military, Button, w/ Eagle, copper alloy
Hardware, Nail, Common (4), Ferrous

S5E20 Container, Barrel, Hoop (2), ferrous
Military, canteen Lip, white metal

N10E0 Hardware, Nail, Rosehead, Ferrous
Unidentified, Metal Object (Cog tooth?), Ferrous
Hardware, Clasp, Haversack, Copper alloy
Hardware, Wire, White metal

N10E10 Hardware, Nail, Common (8), Ferrous
Hardware, Nail, Unidentified, Ferrous
Hardware, Wire (3), Ferrous

N10W5 Hardware, Nail, Rosehead (2) , Ferrous
Hardware, Nail, Common, Ferrous
Hardware, Nail, Unidentified, Ferrous

N15E0

Ammunition, Minie Ball, .57 Caliber, lead
Container, Unidentified, Lid, White metal
Fort Marcy Inventory (cont)

N15E5

Ammunition, Minie Ball, .57 Caliber (2), Lead
Ammunition, Minie Ball, .69 Caliber, Lead
Ammunition, Minie Ball, .57 Caliber, Lead

N20E0

Toy, marble, Glass
Ammunition, Minie Ball, .57 Caliber, Lead
Hardware, Nail, Unidentified, Ferrous

PATH BELOW GRID

Ammunition, Minie Ball, .57 Caliber, Lead
Unidentified, Metal Object, Ferrous
Hardware, Rivet, Haversack, Copper Alloy
Ammunition, Cartridge Case, Brass
Container, Can, Pull Tab (2), Aluminum
Machinery, Plate, White metal
Hardware, Nail, Common, Ferrous
Harness, Hardware, Horseshoe, Frag, Ferrous
Hardware, Spike, Ferrous