The Detection, Mitigation & Measurement of crime scene errors

Dr. Henry C. Lee
Distinguished Professor, University of New Haven
Commissioner (Ret.), Connecticut State Police
Director, Forensic Research & Training Center
Founder, Henry Lee Institute of Forensic Science
56 Years
46 Countries
8000 cases
Terrorist Activities
Crime against International Law
Crime against Humanity
So Who Really Killed Robert Kennedy?

Los Angeles, CA
June 5, 1968

Robert F. Kennedy

Memphis, Tenn
April 4, 1968

Martin Luther King, Jr.

Henry Lee among experts poised to join Levy family investigation

Washington (AP) — Three forensics experts, including Connecticut's Henry Lee, have joined the investigation into the death of Chandra Levy, a Levy family lawyer announced Friday.

"The family has a right to either know what was done, was done properly, or to confirm what was done," said lawyer Billy Martin. "We're asking for a second opinion."

The three experts are: Lee, a former commissioner of public safety in Connecticut, who has investigated 4,000 homicides; Dr. Michael Baden, a former New York City medical examiner; and Dr. Cyril Wecht, the Pittsburgh coroner who was an expert witness in actor John Belushi's death.

The three examined Levy's remains at the District of Columbia medical examiner's office.

July 17, 1996

Seeking center

LACI: SHOCKING SECRETS OF
Lee on JFK assassination:

Staff and Wire Reports

It's one of the most intriguing mysteries in forensic science, so it only stands to reason that one of the most intriguing forensic scientists would be asked to take a look at it.

Forensics expert and state Commissioner of Public Safety Henry C. Lee, who had been asked by a committee investigating the Nov. 22, 1963, assassination, also disappeared. "The original autopsies were not handled properly," Lee said at an earlier interview Tuesday.

But Lee declined to comment in detail because the federal Assassination Records Review Board had not yet released its final report.

Lee was asked to review fresh information gathered by the board, appointed by Congress in 1994 to assemble and release public records about Kennedy's assassination.

Lee said the lack of a reliable autopsy record and a breakdown in the chain of custody of evidence are major hurdles for a criminal investigation.

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Political Figures

Forensic Report

To The Independent Council

In Re

Vincent W. Foster, Jr.

Volume I

Meriden, CT
July 21, 1996

Submitted by:
Dr. Henry C. Lee
Commissioner State Police
Police Shooting

State police, Lee reassure public on Jones probe

Working as quickly as possible, they say

By Allan Drury
Register Staff

MERIDEN — State police Thursday sought to reassure an anxious public that investigators and scientists are working quickly and meticulously on the probe into the death of 67-year-old Allen Jones.

"We have to relieve the whole incident," said Henry Lee, forensic investigator.

Police say slain man had beaten wife, was aiming shotgun at officer

Kills man during struggle
Michael Ross’ Victims

Killings to be studied

These cases are among those expected to be hot topics of state and local authorities. The authorities are looking at similarities among the unsolved during the past few years.

<table>
<thead>
<tr>
<th>Name</th>
<th>Age</th>
<th>Date Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mary Shirley</td>
<td>29</td>
<td>July 15, 1987</td>
</tr>
<tr>
<td>Patricia Thompson</td>
<td>22</td>
<td>July 15, 1988</td>
</tr>
</tbody>
</table>

Serial Killer Victims—Connecticut

Name: Shirley Ellis

Sex, Race, Weight: WM, 168 lbs
Age: 26
Appearance: Brown, long, straight brown hair
Eye Color: Brown
Place Found: Construction site
Condition Found: Fresh
Clothing: Fresh, Dumped
Nude: Yes
Notes: Dumped clothing in disarray and some cut.

Serial Killer Victims—Connecticut

Name: Mary Shirley

Sex, Race, Weight: WM, 29 lbs
Age: 26
Appearance: Brown, straight brown hair
Eye Color: Brown
Place Found: Construction site
Condition Found: Fresh
Clothing: Dumped
Nude: Yes
Notes: Dumped clothing in disarray and some cut.

Lee Links Suspect, Slayings In City

By TINA A. BROWN, COURANT STAFF WRITER

In captivating testimony Monday, noted forensic scientist Henry Lee testified that Matthew Steven Johnson is a serial killer who lured three victims to their deaths.
Scene Process
- Recognition
- Documentation Reservation Collection
- Identification
- Reconstruction

Laboratory Process
- Comparison
- Individualization
- Reporting

Court Process
- Interpretation
- Testimony
The Detection, Mitigation & Measurement of crime scene errors are Extremely Difficult

Dr. Henry Lee
Elaine Pagliaro, JD, MS
Tianyin Yu, MS & Max Liu, MS
Crime Scene Error Issues

• This presentation is based on my 56 Years in Criminal Investigation & Forensic Science

• The observations of 8000 + Cases which CT State Police Forensic Lab and myself assisted in the past 40 years

• And the reviews of 381 cases submitted to the Henry Lee Institute of Forensic Science from 2010 to 2015
NIST Examples of Errors in Forensic Science (30)

- **Analyst/Expert Error**
  - Errors due to human bias (i.e., cognitive bias, confirmation bias)
  - Forensic examiner variability
  - Errors due to improperly collected or improperly labeled evidence from crime scenes
  - Errors due to break in the chain of custody
  - Errors due to contamination and mislabeling of evidence
  - Errors due to mishandling (i.e., losing samples, sample mix-ups, sample mislabeling and sample contamination)
  - Errors due to misinterpretation of evidence
  - Errors due to misinterpreting data
  - Errors in poorly following best practices, processes and methods
  - Errors due to poor documentation and transcriptions
  - Errors due to inadequately trained personnel
  - Errors due to analyst incompetence
  - Errors due to failure to review the analysis of the original analyst
  - Errors due to misinterpretation of post-mortem artifacts (i.e., artifacts due to resuscitation, exhumation, decomposition, embalming, rigor mortis, toxicological, environmental)
  - Measurement errors (i.e., systematic, random)

- **Fraud**
  - Errors due to examiner fraud
  - Errors due to falsified reports
  - Errors due to suppression of exculpatory evidence
  - Errors due to exaggeration of test results
  - Errors due to false testimony about test results

- **Methods/protocol error**
  - Errors due to unvalidated methods
  - Errors due to methods without scientific underpinnings
  - Errors due to inaccurate and misleading statistics
  - Error rates in scientific techniques
  - Measurement errors (i.e., systematic, random)

- **Instrumentation/Technology Limitations**
  - Errors in software packages
  - Error rates in technology solutions
  - Laboratory equipment errors (i.e., poor or no calibrations)
  - Measurement errors (i.e., systematic and random)
  - Errors due to deficiencies in laboratory reference materials
Common Errors Discovered
(Observations of Cases from 1975 -2010)

- Legal issues in Search, Collection & Preservation
- Technical errors in Security & Documentation
- Technical errors in Collection & Preservation
- Failure in Recognition of Potential Evidence
- Over Collection or Under Collection Evidence
- Alteration, Omission, Modification & Addition
- Failure/Over interpretation of Scene pattern
- Miss leading or wrongful Crime Scene Report
- Miss leading or wrongful Reconstruction
- Miss lead or wrongful Testimony
Scene Contamination & Alteration
LOUIS, California (AP) — A former police officer testified that he might have left the bloody footprint that was used as key evidence in convicting a man of killing his mother 20 years ago.

"I don't know for sure that I did, but it's possible that I might have," Prado testified Monday. He has since left the Los Angeles Police Department and is now a sheriff's deputy.

Prado and another officer said they walked around near the body of Dasha Lisker, 65, while trying to secure the crime scene at the woman's San Fernando home in 1983.

The officers' testimony came in a federal court proceeding in Los Angeles for the first time since the conviction of Nicasio Lisker for capital murder.
Crime Scene Security
Crime Scene Procedures & Guideline
Crime Scene General Procedures

**Frist Responder**
- Secure the Scene
- Scene Safety
- Render Aid to Victim
- Arrest Suspect
- Interview Witness
- Communicate with Superiors
- Communicate with CSI
- File Report

**Scene Investigator**
- Secure Search Warrant
- Scene Survey
- Scene Documentation
- Scene Search
- Processing Evidence
- Collection of Evidence
- Preservation of Evidence
- Scene Reconstruction
- Release Scene
Crime Scene Security
Victim & Suspect Safety
Police & Investigator safety
Emergency responder safety
Public safety
Evidence Integrity & security

Crime Scene & Personal Safety Issues
Legal Requirement
Scientific Requirement
Reasonable initial activities at the scene without a warrant

- Search for Victim & Render Aid
- Search for Perpetrator
- Search with Consent
- Seize Evidence in Plain view
- Fourth Amendment protection against unreasonable searches and seizures
COURT RULES IN CROSSBOW CASE

Murder evidence suppressed

By BEN BOULTON
Staff Reporter

MIDDLETOWN — Defense attorneys won a preliminary battle Friday in the case for a Middletown woman who is accused of shooting an arrow from a crossbow that fatally wounded her husband last year.

Superior Court Judge Robert J. Hale granted defense motions to suppress from the trial several pieces of evidence that were seized without a warrant from her home on the morning of the crime.

Middletown police had testified during the two-week suppression hearing that on Oct. 13, 1982 they responded to a 3:47 a.m. call from the 30-year-old defendant — Carol Magnano — who reported that an intruder was in the house and her husband, James Magnano, 33, was downstairs sleeping on the sofa.

When police arrived at about 3:50 a.m., they found no intruders. They did find James Magnano on the sofa, an arrow “protruding from his left temple.” He died four days later.

She was indicted by a grand jury on a charge of murder.

Hale ruled that much of the evidence was collected illegally and that police could have — and should have — obtained a warrant. Therefore, he said, the evidence cannot be used in the trial. But Hale denied an earlier defense motion for suppression of several statements the defendant made to police after the incident. Attorneys James Guarino and John Bunce had claimed the statements were made under “coercion, apprehension and duress,” and should be suppressed.

The evidence Hale ordered suppressed included a box of four crossbow bolts (short, heavy arrows) found in a drawer in the upstairs master bedroom; a pair of faded blue jeans with “reddish-colored stains” found in an upstairs bathroom; a blue woman’s jacket with reddish stains, found in the downstairs dinette; all photographs taken by detectives at the scene that morning and diagrams based on the detective’s observations and measurements; and photographs taken in the back yard of the Woodlot Lane home by a crossbow (later determined to be the murder weapon), which was found in the back yard by the first officer to arrive that morning; the blood-soaked sofa on which James Magnano was found, which was obtained four days after the incident; and any evidence (scents) obtained by a state police tracking dog at about 8 a.m. on Oct. 13.

Guarino had argued during the hearing that for a warrantless search to be legal there must be exigent circumstances (a chance that if the evidence is not immediately seized could be lost or destroyed). He said police had secured the premises 10 minutes after the murder and could have obtained a warrant before taking evidence.

But State’s Attorney John Redden argued that exigent circumstances exist. From the police’s point of view, he said, “the perpetrators were getting farther and farther away” and police needed to act quickly.

Judge to ponder porn case

U.S. District Ellen B. Burns will forgo a hearing on a request by an adult bookstore operator in East Haven for a preliminary injunction to bar the town from enforcing regulations that prohibit peep shows.

A spokeswoman for Burns said the judge decided at a conference with attorneys in the case on Friday afternoon that she will base her ruling entirely on written motions and briefs in the case.

Attorney Daniel Silver of New Britain, who represents 815 Foxon Rd., otherwise known as Foxon Road News and Tobacco, is charging that a local town licensing ordinance regulating peep shows in East Haven violates the Constitution.

The ordinance, which was approved in April, requires a storeowner to obtain a permit from the chief of police for individual viewing booths exhibiting educational material.
Protect the Crime Scene Security 2000
Man power Problem
21 Police vehicles
108 people for 38 Hrs
Weather/ Environment Problems
Crime Scene Errors/Mistakes

- Scene Management
  - Command post and supervision
  - Job assignment and Scene Management
- Preliminary survey of scene
- Documentation of scene
- Pattern recognition and interpretation
  - Collection of trace evidence
  - Processing the latent evidence
- Documentation and collection the latent evidence
  - Collection the major evidence
  - Review the evidence sheet and flow chart
- Reconstruction, Report & Testimony
Crime Scene Management

Assessment

Communication

Safety Issues

Logistic Issues

Investigative Issues

Legal Issues

Forensic Issues

Security Issues

Assignment
Problems discovered during Case Reviews (2005-2015, 381 Cases)

- Sloppy & Minimum Work/Effort in Scene Survey
- Administrative/Technical Errors
- Unintentional Mistake & Omission
- Disputed Crime Scene Procedures
- Disputed Scientific Technique & Procedure
- Mistake in Collection, Packaging & Preservation
- Mistake in Interpretation, Reporting or Conclusion
- Over Stated Result of Evidence
- Issues in Report and Testimony
- Over/under Stated, Wrong, Misleading Testimony
- Omissions of Contrary Evidence
- Intentionally Falsifying Results
# Review of 381 Submitted Cases

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<th>Partial</th>
<th>None</th>
<th>Unknown</th>
<th>Error</th>
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<td>1%</td>
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<td>Scene Documentation</td>
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<td>25%</td>
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<td>5%</td>
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<tr>
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<td>98%</td>
<td>2%</td>
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<td>5%</td>
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<td>97%</td>
<td>3%</td>
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Scene Survey

- Walk Through
- Point of Entry
- Point of Exit
- Target Areas
- Potential Evidence
- Look, See, Observe and Understand
- Facts, Logic, Common Sense, Hypotheses & Theory
- When, What, where, who, How and Why?
- Keep an objective eye with an open mind
- indoor vs outdoor
- primary vs secondary
- organized vs unorganized
- staged vs normal
- dynamic vs passive
- Normal vs Staged
- universal vs. microscopic
Power of Observation
Who going to do Survey?
What is the Standard for Survey?

You look but you don’t See
Experience is a wonderful thing. It enables you to recognize a mistake when you make it again.
You Look but you don’t See
You only have one shot
At Crime Scene
So, Do it right!
What If you Missed it?
How to measure the error rate?
Forensics Expert Arrives to Aid Smart Probe

BY KEVIN CANTERA

The Salt Lake Tribune

More than two frustrating months since Elizabeth Smart disappeared, Salt Lake City police remain doggedly in their attempts to make a suspect in her abduction—let alone crack the case.

Elizabeth's father, Ed Smart, hopes renewed forensics expert Henry Lee, who has consulted in Elizabeth's kidnapping before, can find new clues.

Lee arrived in Salt Lake City on Tuesday, and planned to spend a day or so examining forensic evidence gathered since Elizabeth was abducted at gunpoint early June 5 by a nearby mower in her family's Redwood East home. He was invited by the Smart family after a police search of the house failed to turn up any clues.

Police refuse to discuss specifics of the investigation. But sources within the department have said that Lee will be searching for possible sources of evidence that might have been overlooked.

Lee was on the ground in the Salt Lake area by Tuesday morning and began working through the day.

Lee's work will be a crucial step in the Smart case, which has gripped the nation and the Smart family for months.

The Salt Lake Tribune

NEW CLUES?

By DAVID RUDLES

Lee was brought in for the investigation by the Salt Lake City Police Department after several months of frustration.

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Who, Where, When, How & What
Hair, Fiber, DNA - ID
Window & Screen – Cutting Toll
Chair—Foot, hand prints

Point of Entry

M.O. & Evidence
Body Size Estimation
Person Identification
Suspect

LOGICS
CRIME SCENE RECONSTRUCTION REPORT:

Laboratory Case No.: ID-03-0401
Agency/Individual Assisted: Salt Lake City Police Department
Location of Incident: 1509 East Kristianna Circle Salt Lake City, Utah
Date of Incident: June 5, 2002
Requested By: Chief Charles F. Dinse
Date of Request: August 29, 2002
Date of Report: February 11, 2003

Introduction:

At the request of Mr. Edward Smart, Father of Elizabeth Smart, Dr. Henry Lee was contacted by Captain Cory Lyman of the Salt Lake City Police Department. On August 29, 2002 an official letter of request was sent to Dr. Lee by Chief Charles F. Dinse of the Salt Lake City Police Department.

On October 7, 2002, Dr. Lee met with Detective Mark Sharman and Detective Jensen. A set of scene photographs, a brief synopsis of the investigation, and a set of Utah Public Safety Crime Laboratory reports was submitted for case review and reconstruction.

On October 15, 2002, Dr. Lee attended a meeting at the Salt Lake City Police Department. The following individuals were in attendance:

Kidnapped teen found alive, well
ELIZABETH SMART BACK HOME 9 MONTHS AFTER ABDUCTION
'Miracles do exist,' teen's uncle says as family reunites in joy
2 suspects are jailed after people call police in Sandy, Utah

By PATTY HENETZ

SALT LAKE CITY — Elizabeth Smart, the 15-year-old girl who was abducted from her bedroom nine months ago, was found alive Wednesday walking down a suburban Salt Lake City street with a drifter who had once done work at her family's home. The man was taken into custody and the teenager was whisked away for a long-awaited reunion with her parents.

"Miracles do exist," said Tom Smart, the girl's uncle.
Elizabeth was returned home about 10:20 p.m. EST in an unmarked police van. She did not speak to reporters as she rushed inside the house.
Relatives said Elizabeth was in good condition and had talked with police about her ordeal.
"All of the children out there deserve to come back to their parents the way Elizabeth has come back to us," her father, Ed Smart, said as

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Crime Scene Documentation

- Photo
- Sketch
- Video
- Note
- Tape
Crime Scene Documentation
What Format?
How Many Photo? Where?
What Format?
3-D documentation
Currently 35 major cities testing the body cameras
Crime Scene Documentation Errors

- Error on Legal Requirement
- Error on Administrative Issues
- Error on Documentation Issues
- Error on Collection Procedure Issues
- Error on Preservation Issues
- Error on Submission Issues
- Error on Technical Issues
- Error on Reporting Issues
- Error on Interpretation Issues
- Error on Testimony Issues
- Error on Ethical Issues
• Error on Legal Requirement
• Error on Administrative Issues
Chain of Custody
• Disputed Crime Scene Procedures
• Disputed Scientific Technique & Procedure
• Error on Collection Procedure Issues
• Error on Preservation Issues
• Error on Submission Issues
Collection & Preservation
Collection of Evidence

Observation

Recognition

Protection

Enhancement

Documentation

Preliminary Tests

Sampling

Questioned

Control
PRESERVATION OF EVIDENCE

AVOID:

- Contamination
- Decomposition
- Deterioration
Transient Evidence
Pattern Evidence
Conditional Evidence
Transfer Evidence
Medical Evidence
Electronic Evidence
Associative Evidence
REPORT OF EXAMINATION

Date: October 16, 2006

To: Christopher M. LoJacomo
Commander
Forensic Science Division
Metropolitan Police Department
3521 V Street, N.E.
Washington, D.C. 20018

Case ID No.: 95A-HQ-1534475
Lab No.: 060818017 PO RT
060828005 PO RT

Reference: Communications dated August 18, 2006 and August 28, 2006

Your No.: MCL: 06-08779, CCN: 2006-105-033

Title: UNKNOWN SUBJECT;
ROBERT ERIC WONE - VICTIM;
HOMICIDE

Date specimens received: August 18, 2006 and August 28, 2006

The specimens listed below were received in the DNA Analysis Unit I under cover of communication dated August 18, 2006 (060818017 PO RT):

| Q1 | Section of floor from south bedroom (Item #229) |
| Q1.1 | Tar paper (Item #229) |
| Q2 | Section of floor from north bedroom (Item #232) |
| Q2.1 | Tar paper (Item #232) |
| Q3 | Section of floor from first floor (Item #224) |
| Q3.1 | Tar paper (Item #224) |
| Q4 | Door handle (Item #228) |
| Q5 | Swabs from second floor bathroom mirror (Item 171) |
| Q122-Q125 | Swabs from second floor bathroom clear wall inner surface (Item 172) |
| Q126-Q127 | Swabs from second floor bathroom clear wall inner surface (Item 173) |
| Q128-Q129 | Swabs from second floor bathroom clear wall inner surface (Item 174) |
| Q130-Q131 | Swabs from top of shampoo bottle (Item 175) |
| Q132-Q133 | Swabs from second floor bathroom light switch plate (Item 176) |
| Q134-Q135 | Swabs from third floor bathroom shower floor (Item 178) |
| Q136-Q137 | Swabs from third floor bathroom shower floor (Item 179) |
| Q138-Q139 | Swabs from stairs to third floor eighth step from bottom (Item 180) |
| Q140-Q141 | Swabs from stairs to third floor fifth step from bottom (Item 181) |
| Q142-Q143 | Swabs from stairs to third floor fourth step from bottom (Item 182) |
| Q144-Q145 | Swabs from stairs to third floor fourth step from bottom (Item 183) |
| Q146-Q147 | Swabs from third floor bathroom sink (Item 184) |
Crime Scene Search Methods

- Line search
- Strip method
- Grid method
- Spiral method
- Wheel method
- Zone search
- Link search
$A = \pi r^2$
Crime Scene Standard
null
Crime Scene Detection

Forensic Light Sources
- UV, IR, Laser, Xeon-arc

Chemical Enhancement Reagents
- Reagents react with Heme
- Reagents react with Protein
- Reagents react with Elements

Detection Instruments
- X-ray, radar, Body Heat Imaging
From Lab to Scene
• Error on Reporting Issues
• Error on Interpretation Issues
• Error on Testimony Issues
• Error on Ethical Issues
Lee testified that the parallel lines in blood at the scene were made by shoe print and defense attorneys suggested it was left by a second killer. The pattern did not correspond to the victims' footwear or to a set of bloody footprints leading away from the crime scene, which were made by size 12 Italian designer shoes.

Bodziak, under cross-examination by defense attorney Barry Scheck, conceded that Lee's conclusion might be correct, but pointed out that the defense expert noticed the parallel lines on a photograph of the crime scene taken on June 25, 1994.

But the bloody lines could not be seen in photographs taken on June 13, 1994, the day after Nicole Brown Simpson and Ronald Goldman were stabbed to death, suggesting they were made after the crime scene had been broken down and the area had been walked on by many people.

Testifying Friday, Bodziak said the "blood" may actually have a red stain caused by berries crushed underfoot.

With the case lurching to an end after nine months of testimony, Bodziak was the last prosecution witness to take the stand in the rebuttal phase of the trial.

The defense was due to resume its case following Bodziak's testimony.

Simpson's attorneys want to bring in Frederic Whitehurst, an FBI 'whistleblower' whose allegations of misconduct could undermine the
Improper Preservation
or
Questionable Evidence
BLOODSTAINS ON EVIDENCE BAG

Bloodstains
Outside Paper Bag
Item 78 Boots

Bloodstains
Inside Paper Bag Item
78 Boots

Close-up
Wet Blood Transfers

Close-up
Wet Blood Transfer
Examination of Pattern Evidence
What is the error rate?
Detection of Crime Scene Errors

- During Scene Investigation
- Re-Investigation of Crime Scene
- Case Review by Supervisor
- Case Review by Other Expert
- Case Review by Opposing Attorney
- Detect During Discovery
- Detect During Evidential Hearing
- Detect During Trial
- Detect During Appeal
3 killings shock Valley

Police quiz kill in deaths

DERBY—Valley residents were recovering today from the shock of an apparent triple murder that was discovered late Saturday in a quiet neighborhood not far from Route 8 in Derby.

Peggy Ferrara, 32, discovered the gruesome slayings of her adoptive mother, Mary Ferrara, 72, her adoptive brother, Joseph Ferrara, 44, and her eight-year-old daughter, Nina Ferrara, in Mary Ferrara's home at 228 Emmett Ave.

All three bodies were viciously slashed, The Sentinel has learned.

Police, who were called to the scene by Peggy Ferrara, immediately sealed off the house and turned the investigation over to the sheriff's department.

Derby police, in photo above, seal off Emmett Avenue in the vicinity of the house of Mary Ferrara, where an apparent triple murder was discovered.

And police declined to say if she was in custody today. However, she could not be located.

More than 40 state and Derby police officers are conducting an around-the-clock investigation in an attempt to apprehend the killer or killers of what has been described as one of the most brutal killings in the history of the Valley.

Although police have released no details, The Sentinel has learned that Mary Ferrara's body was found in a hallway on the first floor of the story-and-a-half Cape Cod house.

The body of her son was discovered in a bathroom with the shower still running. The child's body was found in a downstairs bedroom, wrapped in a blanket.

According to state police, Nina Ferrara's body was discovered in a bathroom with the shower still running. The child's body was found in a downstairs bedroom, wrapped in a blanket.
• Re-Investigation of Crime Scene
Stabbing deaths stun Valley

Continued from Page 1

On Sunday, Derby and state police went house-to-house in teams throughout the neighborhood in an attempt to uncover any evidence that might have a bearing on the crime.

The entire block in which the Ferrara home is located between Mountain Street and Colt Street was blocked to traffic. State police brought in a tracking dog in an attempt to ferret out any any leads that would be helpful in solving the crimes.

The investigation is being directed by Sgt. Roland Harrigan, according to Sgt. Scott R. O'Mara, public relations officer for the state police.

The Major Crime Squad van was used for processing evidence. Dr. Henry Lee, internationally-known forensic expert from the state police crime laboratory, and a large number of his staff were at the scene throughout the day.

A command post was set up in the aldermanic chambers, headquarters and special lines were run into the building through the use of the investigators' station wagon and Farmington for autopsies.

State and Derby police have asked anyone who might have been in the area Saturday night to contact them by calling 735-7811.

Throughout Sunday, people were seen going into the command post in City Hall to give state and Derby police. Police questioned anyone who might have seen Ferrara at length. She could not be reached for comment. This contributed to the story.

The only other immediate survivor of the family is Carol Viola of Fairfield.
As of 11 a.m. today, police were continuing an intensive investigation to find the killer or killers responsible for the triple deaths, Sgt. Scott O’Mara, a state police spokesman, said.

Dr. Henry C. Lee, state police forensic expert, and other state police are evaluating forensic evidence gathered at the scene, but have not indicated how close they are to solving the crime or making an arrest.

The triple killings were discovered by Peggy Ferrara, 32, of 350 Hawthorne Ave., Derby, at 11:50 Saturday. Her daughter, Nina,
No clues in triple slaying

Neighbors shocked as police intensify inquiry into motive

By DEBRA ADAMS
Courant Staff Writer

DERBY — More than 30 state and local police officers are investigating the stabbing deaths of an 8-year-old girl, her grandmother and her uncle, state police said.

Despite the increased manpower, there was little progress in the investigation of the Saturday night slayings of Mary Ferrara, 72; her
Roseboro guilty in triple murder

Derby man could face death penalty

By Marianne V. Stochmal

MILFORD — Derek Roseboro was convicted of capital felony murder Friday and could face the death penalty in the stabbing deaths of a Derby woman, her son and her 8-year-old granddaughter during a burglary in their home in August 1989.

"The offenses in this case are the most serious in our criminal code," said Judge Hugh C. Curran. He presided over the three-judge panel that found Roseboro, 37, of 222 Emmett Ave., Derby, guilty of killing his neighbors Mary Ferrara, 72, Joseph Ferrara, 46, and Nina Ferrara, 8.

Their bodies were found in Mary Ferrara’s house at 228 Emmett Ave. Roseboro, who was to be tried by the judges’ panel instead of a jury. He has until Wednesday to choose whether the judges or a jury will decide if he gets the death penalty or life in prison without parole.

"The court finds that the state has proved beyond a reasonable doubt all the allegations ... in each of the counts," Curran said. Roseboro also was convicted of three counts of murder and one count of first-degree burglary.

The panel, which also included Judges Philip E. Mancini and Samuel S. Freedman, deliberated 12 hours over three days. The decision was unanimous.

At least 12 relatives and friends of the victims crowded together into two rows of the courtroom in Superior Court as word spread that the panel had reached its verdict.

Carol Viola, daughter of Mary Ferrara and Nina Ferrara’s aunt, burst into tears and buried her face in her hands as the decision was read.

Nina Ferrara’s mother, Peggy Ferrara, had left her daughter overnight with her grandmother the night of the murders. Peggy Ferrara has moved out of state. Joseph Ferrara, who was blind and retarded, lived with his mother.

Roseboro, who appeared nervous as he was led into the courtroom, stared straight ahead as he heard the verdict.

State’s Attorney Mary M. Galvin said the state will ask for the death penalty.

"The judges obviously thoroughly reviewed the evidence, and they took their time and obviously weighed every facet of the case and came to a just and proper verdict," Galvin said.

Galvin credited Derby police and others before the verdict is announced.
State of Connecticut

GENERAL ASSEMBLY

Official Citation

Introduced by
Senator Gary A. Hale of the 11th District
Representative Vincent J. Tonucci of the 105th District

Be it hereby known to all that:
The Connecticut General Assembly
hereby offers its sincerest congratulations to:

DR. HENRY LEE

in recognition of

YOUR DILIGENT WORK FOLLOWING
THE RECENT TRAGEDY IN DERBY.

The entire membership extends its
very best wishes on this memorable occasion
and expresses the hope for continued success.

Given this 25th day of October, 1989

at the State Capital
Hartford, Connecticut

by

President Pro Tempore
Richard J. Baldi
Speaker

Julio H. Lashof
Secretary of the State
King of crime scenes
Sequence of Processing
Latent Lift from Eyeglasses
DNA Typing of Tissues and Blood
Case Review
Seven massacred in Palatine

Police find bodies of 2 teenagers, 5 adults in restaurant’s coolers
HORROR IN PALATINE

Confusion, crowd mark scene of tragic deaths
Frustrated families hold information vigil

BY JOHN CARL
STAFF WRITER

A lone killer killed Brown’s Chicken and persuaded their cash registers. They let him have his shoes, never at

Investigators put plastic bags on their feet to keep them from contaminating the crime scene.

Grisly picture emerging
Palatine task force piecing together 40 minutes of horror

By John O’Brien
and David Silverman

Investigators who join the task force trying to solve the Palatine massacre must first endure a ghastly initiation. Each is made to view a detailed videotape of the crime scene, one recorded by police in the dark hours after green workers were found slaughtered in a closed chicken restaurant.

And those who have seen the tape, even veteran detectives presumably jolted by years of solving such tragedies to man, describe the tape’s contents with a single word: Violent.

As more information begins to surface about the weekend killings at Brown’s Chicken & Pasta, it appears the victims may have endured a horror-filled, 40-minute encounter with their attackers.

New details from investigators suggest the killers came to commit a robbery but, frustrated in their attempts, may have tortured some of the victims before executing the married owners of the restaurant along with their five employees.

The two teenage victims, Michael Castro and Rico Scoleri, apparently were singled out for particularly brutal treatment: Both were shot nearly twice as many times as the other victims, most of whom had been shot once more. One of the women, for example, said investigators speculated the teens may have known their attackers or wanted to be targets.

And the discovery that restaurant co-owner Lynne Emendfeld’s throat had been cut almost ear to ear suggests to some investigators that the attackers may have been

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21:08
Brown’s cop says DNA is killer’s

By Eric Ferkenhoff and Rogers Worthington
Tribune Staff Writers

Police looking into the 1993 massacre at the Brown’s Chicken & Pas-
Brutal crime finally gets its day in court

14 years after Brown’s killings,
Brown's evidence lost, scientist says

By Carlos Sadovi

An Illinois State Police crime lab scientist testified Wednesday that she identified DNA profiles of two people in 1998 from a partially eaten chicken dinner taken from the Brown's Chicken and Pasta restaurant in Palatine where seven people were killed five years earlier. But defense lawyers who contend the case has been plagued by shoddy investigative work, argued that the swabs used to collect the evidence, plus a computer that contained the analysis, later were lost.

The testimony of Cecilia Doyle, now a section chief at the lab, came during the trial in Cook County Circuit Court of Juan Luna, charged with killing five workers and the restaurant's two owners on Jan. 6, 1993.

Before Doyle took the stand to testify for the prosecution, Henry Lee, a forensic scientist who has been involved in such high-profile cases as the O.J. Simpson murder trial, said he knew DNA on the dinner was a key piece of evidence. Hired by investigators in 1984 as an adviser, he said he told officials to send the dinner out for DNA analysis.

"This was a significant finding because there was only one meal in the garbage. This individual [would] either be a witness or a suspect," Lee said.

Luna, 33, and his friend James Degorski, 34, were arrested in 2002 after Luna's DNA was linked to the chicken.
James had ‘mixture of DNA’

Though prosecutors claim swabs link Luna to murders

to get some DNA.”

Lee said he reached that conclusion after noting a register tape showed the last meal — a four-piece dinner — was sold at 9:08 p.m., after closing time. A garbage can held a meal box with four chicken bones, at least two of which were uneaten. Additional, eaten bones lay in the garbage, along with uneaten french fries, cole slaw and condiments, he said.

“Whoever [was] eating this meal [was] not really eating the meal . . . Either something wrong and they left, or [the person] was there waiting for something,” said Lee, who was a defense witness in the O.J. Simpson trial.

“This person is either an important witness or a suspect,” Lee said.

Lee became an instant favorite with the detectives.
Not all DNA on dinner was Luna’s.

Continued from Page 1

Some evidence was lost.

44 Minutes in January
THE PEOPLE OF THE STATE OF ILLINOIS
against
JUAN LUNA
CASE NUMBER
93-C-114-A

In his review, Lee predicted the half-eaten, chicken dinner—which was frozen five days after the murders—would be the key to solving the crime.

Register receipts show the restaurant served its last meal, a four-piece meal with a small drink, at 9:00 P.M. Jan. 8, 1993.

Bird expert will test frozen chicken ‘mass’

BY MARIO BARTOLETTI
STAFF WRITER

Attorneys for Juan Luna will bring a mass of frozen chicken to Purdue University on March 6 to have it tested by an ornithologist.

Luna, along with former Fremd High School classmate James Degorski, is charged in the 1993 slaying of seven people at a Palatine Brown’s Chicken restaurant.

Prosecutors allege that Luna

Expert says no useful DNA found on bone in 1994

BY ERIC HERMAN
Staff Reporter

A chicken bone from the Brown’s Chicken crime scene held too little DNA to be analyzed when first tested, a forensic scientist said Monday.

Prosecutors allege DNA found on a piece of chicken links Juan Luna to the murder of seven people at the Brown’s Chicken in Palatine in 1993. But when partly eaten chicken pieces were sent to a testing lab in 1994, a DNA sample was too “degraded” to be of use, said Richard Cunningham, who performed the analysis.

MONDAY’S HIGHLIGHTS

Forensic scientist Jane Homeyer testifies about her decision to save the remnants of a chicken dinner, later used to link Juan Luna to the scene.

DNA expert Richard Cunningham tells jurors a chicken bone he tested had traces of DNA, but not enough to develop a profile. He destroyed the bone after testing, he said.

Robert Mennes testifies about last seeing his brother Thomas alive. Thomas Mennes was a cook at Brown’s Chicken stall in the Jan. 8, 1993 massacre.

Homeyer said.

She performed microscopical examination by defense attorney Michael Feingold.
Brown's Chicken Killer Sentenced To Life

(AP) CHICAGO A man convicted of killing seven people at a suburban restaurant 14 years ago was sentenced to life in prison after a judge denied his motion for a new trial.

Juan Luna, who has been held in the Cook County Jail since a jury convicted him in May in the slayin restaurant in Palatine, now will be transferred to one of the state's four maximum security prisons.

"It's gratifying that Juan Luna will spend the rest of his life in prison," said Cook County State's Attorney Thomas Glasgow, who led the prosecution that convinced the jury to impose the death penalty.

Luna, 33, narrowly escaped death row when a single juror refused to vote in favor of the punishment, which would have imposed the death penalty.
• Case Review by Supervisor
• Case Review by Other Expert
Autopsy shows dead man was beaten

Mark Pollio
Tribune Staff Writer

PORT ST. LUCIE — A 46-year-old man found dead in his Minorca Avenue home Monday was beaten repeatedly over the head with a blunt object, according to an autopsy, but police refuse to name the suspect in the case.

“We have a very good idea of who the particular person is that did this,” said Port St. Lucie Deputy Chief Scott Bartal, “but right now, we are not willing to say who it is.”

A neighbor said she heard the muffled sounds of an argument coming from Haines’ home early Monday. Later, a garbage bag was put on the side of the house where the body was found.

Autopsy results show Haines was struck several times on the head with a blunt object. Blood was found in the living room, hallway and garage where Haines died. Johnson said they have collected several pieces of evidence.

Barratt has hired defense attorney Richard Kibbey to represent her. Kibbey said the relationship between Barratt and Haines should be studied closely before anyone passes judgement on his client.

“If we feel once the entire history of this relationship comes out, people will realize there was no criminal activity here,” Kibbey said. “It was an unfortunate incident.”
Manslaughter charge dropped after ruling

The case fell apart when a judge excluded a woman's confession in her fiancé's death.

By Molly Hennessy-Fiske
Palm Beach Post Staff Writer

FORT PIERCE — Prosecutors said they plan to drop a manslaughter charge today against Suzan Barratt after Port St. Lucie police discovered the body of her fiancé bruised and bloody in the couple's garage.

Assistant State Attorney

Circuit Judge Robert Makemson ruled Sept. 15 that Barratt's statement to police Oct. 4, in which she confessed to fatally striking fiancé Stephen Haines, was the result of an "unusually coercive situation" in which she was effectively in custody without being advised of her Miranda rights. Barratt

Defense 'ecstatic' over decision

MANSLAUGHTER

From 1B

attorney when she asked for one and noted that other officers told her to wait in a police car or at the department when she was free to leave.

Defense attorney Richard Kibbey pressed to have the confession, as well as clothing, fingernail scrapings and a blood test taken during the interview, thrown out. Mirman said it was likely all evidence would have gone the way of the confession.

Soon after prosecutors attempted to notify him of their decision, Kibbey said he was "ecstatic" and relieved they decided to drop the charges.

situations like this," he said of Port St. Lucie police.

Kibbey brought in several medical experts to examine the crime scene, police found at the couple’s Minorca Avenue home Oct. 4, including large bloodstains left throughout the house by Haines, 46, who suffered a blood disorder due to chronic alcoholism.

Treasure Coast Medical Examiner Frederick Hobin ruled the death a homicide, but Dr. Henry Lee — a forensic pathologist and criminologist who assisted in the O.J. Simpson and JonBenet Ramsey cases — called it natural.

Joseph Davis also found fault with Hobin’s conclusions.
• Detect During Discovery
• Detect During Evidential Hearing
• Detect During Trial
CONCLUSION

The evidence demonstrates that Robert Wone was restrained, incapacitated, sexually assaulted, and murdered inside 1509 Swann Street, N.W., on the evening of August 2, 2006. Moreover, there exists overwhelming evidence, far in excess of probable cause, that all three -- Price, Zaborsky, and Ward -- obstructed justice by altering and orchestrating the crime scene, planting evidence, delaying the reporting of the murder to the authorities, and lying to the police about the true circumstances of the murder when interviewed by the authorities in the immediate aftermath of the homicide. Specifically, there is abundant evidence that the three residents of 1509 Swann Street delayed their call to the authorities for an extended period of time, as evidenced by, among other things, a gap in time from as little as 19 minutes or as many as 49 minutes between time the scream was heard by W3 and the time Zaborsky placed the call to 9-1-1. Indeed, the evidence suggests that the scream came not from Mr. Wone, who was already incapacitated at the time he was stabbed, but rather from Zaborsky, who admitted to the police that he screamed upon seeing Robert’s body. The significant delay in reporting is further demonstrated by the fact that Mr. Wone actively digested his own blood for a significant period of time after he had been stabbed. The forensic pathologist opined that the three stab wounds were inflicted while the victim was incapacitated. There were petechial hemorrhages in the victim’s eyes consistent with an asphyxia event. Additionally, there were multiple pre-mortem needle puncture marks to Mr. Wone’s body that were not the product of any legitimate medical treatment or intervention, suggesting that he had been
3 men acquitted of Wone charges

COVER UP UNPROVED IN D.C. SLAYING

Judge disbelieves defendants but finds reasonable doubt

BY KEITH L. ALEXANDER

One of the most sensational criminal trials in D.C. history ended Tuesday with the jury returning a verdict of not guilty in the murder of Marc Wone—even though judges believe that they know who did it.

D.C. Superior Court Judge Lynn Lebovits said she thinks the three defendants made up a story about an intruder breaking in and stabbing the overnight guest at their Northwest Washington home. But in the end, prosecutors had not proved their case, she said, concluding a trial that captivated the region and much of the nation with its most salacious elements: money, class, sex and homelife.

The key to the verdict was the strong distinction between what she might feel in her gut and what was proved beyond a reasonable doubt in her courtroom, the judge said.

"In the ordinary decision we make in our daily lives, a person who believes something strongly, but without evidence support, beyond a reasonable doubt, may still be correct in her belief and responsible in her decision-making," Lebovits said.

But to convict an accused, a trier of fact must be firmly convinced based on evidentiary certainty.

It took a little more than an hour for Lebovits to explain her decision after finding Joseph S. Price, 39, Victor J. Zaborosky, 44, and Dylan M. Ward, 40, not guilty of a conspiracy. Wone, 32, was stabbed to death Aug. 2, 2006, while he stayed in a guest room at the multi-story townhouse at 1555 Swann St. NW, near Dupont Circle. The men are in a three-way romantic relationship, which prosecutors saw as cementing their allegiances to each other in the alleged cover-up.

Spectators — including the defendants' parents, who sat in the front row, and members of Wone's family, who sat in the back — remained silent as Lebovits explained her position. Some of the half-dozen defense attorneys wished at one another during the judge's remarks as she made clear that they believed Wone's family, but with reasonable doubt.

When the judge delivered her verdict, Zaborosky cried, but there was no reaction from Price or Ward. Wone's widow, Katherine, who was in the gallery almost every day of the nearly five-week trial, also cried. She was quickly escorted from the courtroom.

Lebovits said the sole arbiter of the men's guilt was the jury, which had the right to a jury trial, fearing that jurors might not be impartial after hearing details of the defendants' relationship to Wone's body. The prosecution contended that the defendant's request. The case is not over, though. Wone's family has a $2 million wrongful-death lawsuit pending against the man. That is a civil case, with different standards of evidence and proof. And it would probably be a jury trial. The next hearing in that case is scheduled for September.

A difficult case

From the beginning, it was a difficult case for the government. Prosecutors acknowledged that they do not know who killed Wone or why, and there was very little physical evidence at the scene. Wone, a prominent lawyer who worked as general counsel for Radio Free Asia, was stabbed three times in the chest and abdomen, and one of the thrusts pierced his heart. He was college friends with Price and had arranged to spend the night at the townhouse rather than return to California.

Prosecutors alleged that Price, 25, the U.S. citizen, and Ward, an Australian, conspired with Zaborosky, 27, a Maryland resident, to cover up Wone's death. Prosecutors also called witnesses who said the man's blood on the scene was unclean, was said to be for a knife attack, and they that the housemates cleaned scene to cover up the delay between the time they found Wone's body and when they called 911.

Price, a former intellectual-property lawyer for the Xerox Pharma firm in Washington, was characterized as the leader of the conspirators. The men have since said the townhouse, where they live together in McLean with Ward and a Zaborosky family member, the Maryland man.

None of the men testified. Lebovits highlighted each of the prosecution theories she said fell short of the beyond-a-reasonable-doubt standard.

She said the government failed to prove that the knife found at the scene wasn't the murder weapon. "It makes little sense that a killer would successfully dispose of a murder weapon only to have his friends create evidence that could actually incriminate him," she said.

The government also failed to prove that Wone's phone call to a friend the day before his death, showed the man was alive when he was actually being killed. The government also claimed Wone was alive when he made the call. The government also failed to prove that Wone was alive when he made the call. The government also failed to prove that Wone was alive when he made the call. The government also failed to prove that Wone was alive when he made the call. The government also failed to prove that Wone was alive when he made the call. The government also failed to prove that Wone was alive when he made the call.
ISSUES RELATED ETHICS

- Bogus Credentials
- Misleading Documentation
- Bonged Testing
- Selective Reporting
- Wrongful Interpretation
- Fraudulent Testimony

Forensic Specialist Charged With Perjury

FAIRMONT, W.Va., July 22 (AP) — A former state police chemist suspected of linking defendants to crime scenes by fabricating or misrepresenting evidence in more than 100 cases across West Virginia was indicted by a state grand jury today on charges of lying in one of them.

The indictment of the 43-year-old former chemist, Fred Zain, followed an order by the West Virginia Supreme Court last year requiring review of at least 134 cases in which, the court said, Mr. Zain might have offered false evidence. But the grand jury’s action today represented the first time that he had been criminally charged.

The indictment charges him with three counts of perjury in lying, as a witness at a murder trial here in Fairmont three years ago, about his education, his fees for testifying and a chemical test that the indictment said he had never performed. The defendant in that trial, which involved the slaying of two elderly women in 1989, later pleaded guilty.

Each of the three counts against Mr. Zain carries a maximum sentence of 10 years’ imprisonment upon conviction.

A person familiar with the case, who spoke on condition of anonymity, said the defendant’s whereabouts were unknown.
EXECUTIVE SUMMARY

This is the final report of the results of an independent review of the activities and performance of the Forensic Biology Section of the State Bureau of Investigation (SBI) Crime Laboratory in March, 2003.

The review came about as a result of discussions with the North Carolina Attorney General that began in December 2002 and January, 2003, when the forensic test results were presented. The basis for this review was the need to determine whether the North Carolina Innocence Project could help free Tony Taylor and free him from his life sentence based on the review of the performance of the biological tests of the North Carolina Innocence Project.

At this time the project could not determine whether the test results were consistent with the evidence but were reasonably confident that the test results were consistent with the evidence unless they were later compromised. This lack of confidence in the original test results led to a refutation of the original test results and the project was unable to determine whether the test results were consistent with the evidence or not.

AN INDEPENDENT REVIEW OF THE SBI FORENSIC LABORATORY
SBI agent accused of misleading innocence panel

- Commission wants judge to look at Deaver testimony

- Duane Deaver testifies Feb. 12, 2010, in the innocence hearing of Gregory Taylor that he never reported a second test showing that evidence was negative for blood, because it wasn't part of the State Bureau of Investigation's policy at the time.
Judge: Key prosecution witness perjured himself

Injury expert witness Saami Shaibani holds a copy of a letter in which a Temple University official denies Shaibani was employed there.

By Matt Bean
Court TV

DURHAM, N.C. — After Michael Peterson’s defense leveled a blistering assault on the credentials of a prosecution expert Friday, the judge ruled that the witness had lied on the stand and ordered his testimony struck from the record.
For executed men, audit's too late - Agents' Secrets

Cooper replaces SBI director, suspends bloodstain analysis - Politics - NewsObserver.com

Under the Dome: Your inside source for North Carolina politics

Cooper replaces SBI director, suspends bloodstain analysis
Prosecutorial and police misconduct are often dismissed as just a few bad apples doing a few bad apple-ish things. But what happens when it’s entrenched and systemic and goes unchecked for years? That looks to be the case in Orange County, California, where the situation got so completely out of hand this spring that Superior Court Judge Thomas Goethals issued an order disqualifying the entire Orange County District Attorney’s Office (that’s all 250 prosecutors) from continuing to prosecute a major death penalty case.

Judge Thomas Goethals listens to arguments during a motion hearing in the trial of Scott Dekraai on March 18, 2014 in Santa Ana, California.
Second Man Freed From Jail Because Evidence Was Faked

A man who was convicted of beating an elderly man unconscious has been set free after a retrial in Ithaca, N.Y., that focused on state police efforts to fabricate fingerprint evidence against him.

Mark Prentice, who served six and half years in prison for burglary and the assault of an 81-year-old man, is the second person to be freed as a result of a state police evidence-tampering scandal that has led to the conviction of four troopers.

George M. Dentes, the Tompkins County District Attorney, said he al rights by refusing to allow Mr. Harding to testify about his assertions that his supervisor had suggested that he fake evidence in the case.

Mr. Harding, who is serving 4 to 12 years in prison for faking evidence in four cases, testified in the retrial that the supervisor's sworn assertions that supervisors had told him to fake evidence, but he said he had conversations with super- riors that he interpreted as instruct- ing him to do so.

Mr. Prentice's lawyer, James

In March, former Enron CFO Andrew Fastow testified that he and Lay met in September 2001 because Enron was a financial straight and he wanted to sell some of all of the company.

In testimony this week, Lay confirmed that he met with the investment bank, but denied that Enron was in desperate straits at the time. Instead, he said, the Goldman bankers wanted to show Lay that the stock price at which Enron was trading in the summer of 2001 had made the company an attractive takeover target.

The government has accused Lay, 64, and former CEO Jeff Skilling, 52, of conspiring to hide Enron's financial condition from investors. Skilling resigned abruptly in August 2001, prosecutors say, because he knew he couldn't keep the charade up any longer. The government says that after resigning the CEO role that month, Lay was made aware of Enron's financial problems but chose to ignore them. Instead, he told investors and employees that the company was

Other Interpreted

Omission of Evidence
Staging by Investigator
Questioned Testimony
Impact of a Pathologist's Misconduct Ripples Through West Texas Courts

By ROBERTO SURO
Special toodel New York Times

HOUSTON, Nov. 22 — The prairie graveyards of West Texas are giving mute testimony to the misdeeds of a电路-cutting pathologists who left a trail of tainted autopsies, botched blood samples and missing organs from the Panhandle to the Rio Grande.

According to defense lawyers' estimates, as many as 30 capital murder cases and dozens of other prosecutions will be appealed because of accusations that crucial evidence was maliciously or criminally mishandled in autopsies performed by the pathologists.

A charge against Dr. Erdmann, who was convicted of fraud and sentenced to 20 years in prison for perjury, was dismissed after the State Medical Board of Texas found that he had not had a license to practice autopsy.

Charges of a cover-up and perjury in an

judicial proceeding were dropped.

Second Man Freed From Jail Because Evidence Was Faked

A man who was convicted of beating an elderly man unconscious has been set free after a retrial in Ithaca, N.Y., that focused on the state police's efforts to fabricate fingerprint evidence in the case.

Mark Prentice, who has served six and a half years in prison for burglary and assault, is the second person to be freed after a retrial in Ithaca, N.Y., that focused on the state police's efforts to fabricate fingerprint evidence in the case.

Mr. Harding, who is serving 4 to 12 years in prison for a murder that occurred in 1981, was re-tried after the state police's conclusions were found to be fraudulent.

Witness Admits Faking It All

Brown said Wexall had testified for the prosecution in some cases and the defense in others, and that in all cases in which Wexall testified, he had lied about his credentials. Brown also revealed that Wexall had testified as a defense expert in a rape case that he had also lied about in court.

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The Bureau of Standards found that some experiments were never done and, in other instances, Wexall's data differed so much from the results that the data could not be used.

Brown declined to say how much information about Wexall was used. Brown did not say whether she would be able to testify in the rape trial.
Woman guilty of faking evidence

Trainer planted bones, fluids for her dog to find

Sandra Anderson, at her home in Michigan last summer with her dog, Eagle, could be sentenced to up to 30 years in federal prison after pleading guilty to felony charges including obstruction of justice and making false statements to authorities.

U.S. District Court to multiple felony charges, including obstruction of justice and making false statements to federal authorities.

DETOURT — Sandra Anderson, the once-celebrated handler and trainer of cadaver-sniffing dogs who did extensive work in several high-profile cases across southeast Michigan and northwest Ohio, has pleaded guilty to federal charges that she planted bones and other fake evidence in cases she worked.

Anderson, 43, of Midland County, Michigan, pleaded guilty Wednesday in Detroit's U.S. District Court.
Crime Scene Error Source/Reason

- Due to Carelessness of the Investigator
- Lack of Experience
- Possess Wrong Experience
- Due to Lack of Motivation
- Due to Lack of Leadership
- Due to Lack of Resources
- Due to Lack of Proper Training
- Terminal Vision
- Co-worker Pressure
- Pressure from Boss/Supervisor
- Due to Inherited Adversarial bias
- Due to Intentional Motives
New evidence

Examination of the body of Joyce McLain, victim of 28-year-old homicide, yields surprising results

McCain chooses Palin

Governor sports small-town roots

BY STEVE QUINN
AND CALVIN WOODWARD
THE ASSOCIATED PRESS

JUNEAU, Alaska — In two short years, Sarah Palin moved from small-town mayor with a taste for mooseburgers to the governor’s office and now — making history — to John McCain’s side as the first female running mate on a Republican presidential ticket.

She has more experience catching fish than dealing with foreign policy or national affairs. Talk about a rocketing ascent.

In turning out the lights on the 2008 campaign, Sarah Palin’s star is rising. The next time the president of the United States steps into the Oval Office, it will be to meet the nation’s first lady. In Alaska, the switch from mayor to governor to vice president has been seamless.
Police Shooting Death of
Keith Sumpter July 9, 1993
What is the Error Rate?
Due to Inherited Adversarial bias
Woman jumped into road

A couple tells jury they almost hit her on night of killing

By Dave Smith

A man and woman yesterday told Circuit Court that a man jumped out in front of their car on the Volcano Highway.

"She stepped right out in front of my car, just like she was trying to get someone to hit her," said McGurk, a former truck driver.

McGurk said he and his wife were driving down Volcano Highway near the Volcano Overlook when they saw a man jump out of the way of their vehicle.

"I thought he was just trying to get someone to hit him," McGurk said.

The man was not injured and walked away after the incident.

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Expert: Key blood marks not in van

Defense contends prosecution version of killing impossible

By Dave Smith

The second blood spatter expert to testify in the trial of Kenneth Mathison said yesterday that the blood spatter on the victim's clothes and car did not match the location where the killing occurred.

"I don't believe it's possible," said Dr. Henry Lee, a forensic expert, when asked if the blood spatter on the victim's clothes and car matched the location where the killing occurred.

Lee said that the blood spatter on the victim's clothes and car did not match the location where the killing occurred.

"I don't believe it's possible," said Dr. Henry Lee, a forensic expert, when asked if the blood spatter on the victim's clothes and car matched the location where the killing occurred.

Lee said that the blood spatter on the victim's clothes and car did not match the location where the killing occurred.

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Blood in van not consistent with Mathison's explanation

Mainland forensic specialist disputes police officer's story

"I don't think it's consistent with what Mathison said," said Dr. Henry Lee, a forensic expert, when asked if the blood in the van matched the location where the killing occurred.

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Variety is particularly vulnerable because of the high fees they sometimes demand.

Jurors in this trial learned that Lee testified in this trial for just expenses, while the guru of the blood-scraper world, Herbert MacDonell, charged the prosecution $5,000, plus travel and research costs, for a trip to places as distant as Hawaii "because it means three days away from my lab."

Defense witness Tom Bevel, a captain in the Oklahoma City Police Department, received up to $1,500 a day for his analysis and testimony.

"But Weight and Mathison may have been left wondering if they got their money's worth."
Different Option

Reasons for Modification
Crime Scene Error Mitigation

- Standard Procedure & Check List
- Legal & Scientific Training
- Ethics Education
- Proper Resources
- Non-Adversarial System
- Case Review System
- Availability of Consulting Expert
- Court Appointed Expert
- Court Testimony Monitoring System
STANDARDS

Scientific
Legal
Procedural
Technical
Ethical
“If the Law has made you a witness, remain a man of Science: you have no victim to avenge, no guilty or innocent person to ruin or save. You must bear testimony within the limits of Science” --- Brouardel
UTILIZATION OF FORENSIC EVIDENCE

Association
SUSPECT
Dissociation

Prove
STATEMENT
Disprove

Inculpatory
EVIDENCE
Exculpatory

Identification
MATERIALS
Individualization

Confirmation
INFORMATION
Developing Leads
Knowledge Transfer

SUCCESS STORY:
UNDERSTANDING THE ECOLOGY OF HUMAN DECOMPOSITION

Providing a framework for improving time-since-death estimates based on the succession of microbial communities of human decomposition.

FORENSIC RESOURCE/REFERENCE ON GENETICS
KNOWLEDGE BASE (FROG-kb)

FROG-kb includes allele frequency data on SNPs, including SNP panels on Individual Identification, Ancestry Inference and Phenotype Informative.

SUCCESS STORY:
AUTOMATED SHORT TANDEM REPEAT ANALYSIS FOR FORENSICS

In the field and at the booking station, allowing law enforcement to run a suspect's DNA fast unassisted. Current methods take days to return results.

Tools and Techniques that will Reduce Reporting Mistakes

The focus of this webinar is on how to reduce errors such as to the most frequent and that are common mistakes made (with respect to HMDA (Home Mortgage Disclosure Act), and what can be done to reduce them.

Join us at the Techno Security & Forensics Investigations Conference in Myrtle Beach, SC

May 31 - June 3, 2014 in Booth 303

Find out how we’re solving our customers’ BWC storage needs!

Summer Training Courses

Hands-On Training for the Real World

Our summer training courses are filling up fast! Don’t miss these opportunities for hands-on training with experts and in hands.
千万美元筹建鉴事科学院

李昌钰：为全美培训警探

华裔神探「名动鼎钟」

李昌钰，被誉为“美国最伟大的华人科学家”，他凭借自己在犯罪科学领域的研究，为美国警方提供了无数破案线索。他以华裔背景在美国警界脱颖而出，成为华裔警探的骄傲。

李昌钰在1990年代被CNN评为“全美最有影响力的50人”之一。他的研究成果包括“指纹识别”、“DNA鉴定”等，这些技术为美国警方破案提供了有力的支持。

李昌钰的成就不仅仅是科学上的，他还积极参与社区服务，为华裔社区的发展做出了贡献。他的故事激励着无数华人科学家和华裔社区成员，成为了华裔社区的骄傲。

UNH gets $2M grant

UNH to create Crime Scene Training Center

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Lee celebrates forensic effort set at UNH
Crime Scene Error Mitigation

- National Standards
- National & Regional Crime Scene Resource Center – Informational Assistance
- National & Regional Crime Scene Response Team -- Technical Assistance
- Regional Crime Scene Review Board – Review Assistance
- Regional Training Center – Educational Assistance
The detection, Mitigation & Measurement of crime scene errors
How to eliminate biased and misleading reports
How to elevate assessment the crime Scene
How to reach a qualitative level that replicates
the work by other

Review Board
BIASED WITNESS
(Prosecution Witness)

Standards for Lawyer
HIRED GUN
(Defense Expert)
Levy’s remains found in Washington park

How intern died is still a puzzle
Associated Press

WASHINGTON — The remains of Chandra Levy were found in a Washington park Wednesday, ending a 13-month

After year, Levy case still raw enforcement

Henry Lee among experts poised to join Levy family investigation

Washington (AP) — Three forensics experts, including Connecticut’s Henry Lee, have joined the investigation into the death of Chandra Levy, a Levy family lawyer announced Friday.

“The family has a right to either know what was done, was done properly, or to confirm what was done,” said lawyer Billy Martin. “We’re asking for a second opinion.”

The three experts are: Lee, a former commissioner of public safety in Connecticut, who has investigated 4,000 homicides; Dr. Michael Baden, a former New York City medical examiner; and Dr. Cyril Wecht, the Pittsburgh coroner who was on expert witness in actor John Belushi’s death.

The three examined Levy’s remains at the District of Columbia medical examiner’s office. When the body was sent to Rock Creek Park, the remains were found to be the same as those found at the Washington park. The FBI is investigating the cause of her death, and her family is demanding an independent investigation.

“We would hope that this will bring closure to this case,” Martin said.

The three experts were retained by Levy’s family to help determine what happened to her.

The family has been fighting for answers since Levy’s disappearance in 2001.

The three experts are expected to come to the District of Columbia on Tuesday to testify at a hearing in the case.

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If all else fails

Lower your standards