SCHEDULE 7

LABORATORY OF FORENSIC SCIENCE
CORNING, NEW YORK 14830

HERBERT LEON MACDONELL

Consulting Criminalist

since 1958

CASES: of National and International interest in which Professor MacDonell was consulted and gave expert testimony.

Joan Little murder case in North Carolina
O.J. Simpson double murder case in Los Angeles
Jean Harris (Scarsdale Diet Doctor) in New York
Assassination of Dr. Martin Luther King in Tennessee
Assassination of Senator Robert F. Kennedy in California
Chicago Police Raid (Black Panther Case 1969) in Illinois
Joanne Chesimard (Black Liberation Army) in New Jersey
Peter Reilly murder case in Connecticut
Alexander McLeod-Lindsay assault case in Australia
Metropolitan Sanitary District Fraud in Illinois
Steven Shaff murder case in New York
Nealey Johnson murder case in California
Zeigler Furniture Store Murders in Florida
Virginia Piper kidnapping in Minnesota
Murray Gold murder case in Connecticut
Steven Heflin murder case in Oregon
Caldwell murder case in Minnesota
Nicky Tufaro murder case in Florida (SWAT Team Officer killed)
Jesus Ayala murder case in Colorado (Military Court Martial)
Christie Shipley (torso) murder case in Delaware

CASES: of National and International interest in which Professor MacDonell was consulted.

Lindy Chamberlain murder case (Dingo case) in Darwin, Australia
Assassination of Benigno S. Aquino (Former Philippine Senator)
Claus von Buelow in Rhode Island
Robert Thompson and Jon Venables, ten year old convicted murderers of two year old James Bulger in Yorkshire, UK
Mumia Abu-Jamal murder case in Philadelphia

CASES: of National and International interest, continued

Jeffery MacDonald murder case in North Carolina (Fatal Vision)
Joseph Christopher (.22 calibre killings) in New York
Wayne Williams in Georgia
Richard Hauptman (Lindberg kidnapping) in New Jersey
Buddy Jacobson in New York
Lemual Smith (Greenhaven Prison)
Jack Henry Abbott (Norman Mailer protege writer)
Kathy Boudin murder case in New York (former Weather Underground)
Susan Reinert murder case in Pennsylvania (Wambaugh's "Echoes In The Darkness" CBS five hour TV production of 1 & 2 Nov 87)
Robert Chambers murder case ("Preppie" Case in Central Park)
Andrew Kalajzich murder case in Sydney, Australia
Jeremy Bamber murder case in Essex, United Kingdom
Luis Alvarez murder case in Florida

TITLES:
Director, Laboratory of Forensic Science, Corning, New York
President, MacDonell Associates Incorporated, Corning, New York

EDUCATION:
M. S., Chemistry, University of Rhode Island, Kingston, Rhode Island, 1956
Advanced Study in Police Science, Pennsylvania State Police, 1962
Advanced Study in Criminology, Elmira College, 1962
Advanced Study in Criminalistics, Univ. of Rhode Island, 1955
B. A., Chemistry, Alfred University, Alfred, New York, 1950
Over 162 credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association from various Medical-Legal Seminars since 1973
Over 3877 hours of advanced study attending various seminars and workshops at police academies, colleges, universities and laboratories.
Visits to many firearms manufacturing facilities in the United States and Germany.

EXPERIENCE:
Professor of Criminalistics, Corning Community College, Corning, New York, 1960-1967, 1972-1992
Professor of Criminalistics, Elmira College, Elmira, New York, 1972-1983
Faculty, New England Seminar on Forensic Medicine, Colby College, Waterbury, Maine, 1974-1978
Analytical Research Chemist, Corning Glass Works, Corning, New York, 1957-1972
Analytical Research Chemist, DuPont Marshall Laboratory, Philadelphia, Pennsylvania, 1956-1957
Forensic Scientist, Rhode Island State Crime Laboratory, Kingston, Rhode Island, 1954-1956
Professor and Chemistry Department Head, Milton College, Milton, Wisconsin, 1951-1954

EXHIBIT # 2: Resume of Herbert Leon MacDonell Page 2

PUBLICATIONS:
Over one hundred technical publications in forensic science and analytical chemistry have been authored since 1959. Author of *Flight Characteristics and Stain Patterns of Human Blood*, *Bloodstain Pattern Interpretation*, *Bloodstain Patterns*, Co-author of *The Evidence Never Lies*, republished, and wrote the Introduction for Dr. Eduard Piotrowski's 1895 classic, *Origin, Shape, Direction and Distribution of Bloodstains*.

PUBLICATIONS HAVE APPEARED IN:
American Trial Lawyers Association Proceedings
Analytical Chemistry
Canadian Society of Forensic Science Journal
Finger Print and Identification Magazine
Forensic Evidence in Canada (two chapters)
Forensic Science (three chapters)
IABPA News Identification News Identification Officer
Journal of Criminal Law, Criminology, and Police Science
Journal of Gas Chromatography Journal of Forensic Sciences
Law and Order Law Enforcement, Science and Technology
Legal Medicine Annual (four chapters) Nature
New York State Bureau of Criminal Investigation Bulletin
Police Proceedings of the Practising Law Institute
Quinnipiac Health Law Scanning Electron Microscopy
Scalpel and Quill

MEMBERSHIPS:
American Academy of Forensic Sciences (Fellow since 1964) (Past Chairman and Secretary, Criminalistics Section)
American Chemical Society (Life Member)(Past Chairman, Symposium of Forensic Chemistry)
Association of Firearm and Toolmark Examiners (Life Member)
Canadian Identification Society
Canadian Society of Forensic Science
Criminal Justice Educators Association of New York State (Fellow)
Forensic Science Society (England)
International Association for Identification (Past Chairman, Science and Practice Committee) (Past Division Representative) (Past Member of the Standardization Committee on Friction Ridge Identification) (Past President of the New York State Division)(Distinguished Member)
International Association of Bloodstain Pattern Analysts (Charter Member)(Distinguished Member)
Midwest Association of Forensic Scientists
Northeast Association of Forensic Scientists
Sigma Xi

AWARDS:
Merit Award for Outstanding Service, Tioga County Police Association (Pennsylvania) 1965
Police Science Award, *LAW AND ORDER* Magazine, 1966
Honorary Life Member, Ohio Identification Officers Assn., 1967
Officer in the Spotlight, North Carolina Division of the International Association for Identification, January 1968
Son of Themis, July 1974 (relative to the investigation of the assassination of Robert F. Kennedy)
John A. Dondero Memorial Award, International Association for Identification, July 1974
Morgagni Medal, Institute of Forensic Medicine and Criminology, University of Padua, Padua, Italy, July 1978
Award of Merit, American Institute of Applied Science, July 1979 (given for the invention of the MAGNA Brush and research into bloodstain pattern interpretation)
Honorary Staff Officer, Delaware State Police, July 1982
First "Distinguished Member" designation, International Association of Bloodstain Pattern Analysts, November 1985
Distinguished Alumni Award, Alfred University, June 1990
Distinguished Member Award, International Association for Identification, July 1990
Honoree for Outstanding Contribution in the Field of Law, 1993 South Asia-American Woman's Association, October 1993
Recipient of the 33rd degree of Freemasonry, the highest honor that the Masonic Fraternity can bestow, September 1994

CERTIFIED:
Senior Crime Scene Analyst by the International Association for Identification
Technical Supervisor in Breathalyzer training by the New York State Department of Health
Breathalyzer Instructor by Stephenson Corporation (manufacturer)
Police Instructor, Alaska Police Standards Council

PROJECT DIRECTOR AND PRINCIPLE INVESTIGATOR:
Project Acorn Grant Award #NI-051, program for the study "Flight Characteristics and Stain Patterns of Human Blood". This project was sponsored by the United States Department of Justice. The report issued on this research remained in print twelve years. In 1983 this publication was revised by the author and given the more descriptive title of "Bloodstain Pattern Interpretation."

DIRECTOR AND PRINCIPLE INSTRUCTOR:
Institute on the Physical Significance of Bloodstain Evidence. Forty-seven Institutes (five days) and over thirty seminars and workshops (one to four days) have been conducted. The five day, forty hour institutes have been held in Alabama, California, Colorado, Connecticut, Florida, Illinois, Indiana, Louisiana, Mississippi, New York, Pennsylvania, Texas, Washington, D.C., and in Sydney, Australia and Stockholm, Sweden. Advanced Institutes have been held in Corning, New York in 1983, 1985 and 1987.

EDITORIAL BOARD:
Forensic Science, Elsevier Sequoia S. A., Switzerland (former)

FORENSIC LECTURES AND PAPERS GIVEN WITHIN THE UNITED STATES:
Alaska District Attorney's Association, Fairbanks, Alaska
Alaska Police Training Academy, Sitka, Alaska
Alfred State College, Alfred, New York
Alfred University, Alfred, New York (several meetings)
Allegheny County (Pennsylvania) Police Academy (nine seminars 1973-1976
American Academy of Forensic Sciences
  Atlanta, Georgia
  Chicago, Illinois
  Washington, D. C.
American Chemical Engineers Association, Elmira, New York
American Chemical Society (several national and regional meetings)
American College of Dentists, Buffalo, New York
American Institute of Chemical Engineers, Elmira, New York
American Society for Metals (regional meetings)
American Society of Industrial Security (regional meetings)
American Society of Mechanical Engineers, Rochester, New York
American Trial Lawyers Association, Houston, Texas
Association of Applied Spectroscopy, Waverly, New York
Association of Firearm and Toolmark Examiners
  San Diego, California
  San Matio, California
  Virginia Beach, Virginia
Association of Trial Lawyers, Camp LeJeune, Cherry Point, North Carolina
Atlanta Bar Association, Atlanta, Georgia
Auburn Community College, Auburn, New York
Broome County Community College, Binghamton, New York, Death Investigation Seminars
California Association of Criminalists
  Pasadena, California
  San Francisco, California
Chem-analysts of Central New York, Syracuse, New York
Colby College, Waterville, Maine
Connecticut State Police Academy, Meriden, Connecticut
Connecticut Trial Lawyers Association, Hartford, Connecticut
Corning Community College Death Investigation Seminars
  Corning, New York
  Horseheads, New York
David Sarnoff (RCA) Research Center, Princeton, New Jersey
Delaware County Community College, Media, Pennsylvania
Dickinson County Police Officers Association, Okoboji, Iowa
Drug Abuse and Dependency Seminar, Pennsylvania Crime Commission and Pennsylvania Department of Health, Wellsboro, Pennsylvania
Duquesne University, Pittsburgh, Pennsylvania
Elmira College, Elmira, New York

FORMAL LECTURES AND PAPERS GIVEN IN THE US, continued
Elmira Free Academy, Elmira, New York
Fairbanks Police Department, Fairbanks, Alaska
Federal Bureau of Investigation, Quantico, Virginia
Forensic Associates of Philadelphia, Philadelphia, Pennsylvania
Georgetown University, Decade of Assassinations, Committee to Investigate Assassinations, Washington, D. C.
Gordon Research Conferences, New London, New Hampshire
Harvard Associates in Police Science, Atlantic City, New Jersey
Hocking Technical College, Columbus, Ohio
Illinois Institute of Technology Research Institute, Chicago, IL
Indiana University, Bloomington, Indiana
Instrument Society of America, Elmira, New York
International Association for Identification
- Anchorage, Alaska
- Asheville, North Carolina
- Denver, Colorado
- Hartford, Connecticut
- Jackson, Wyoming
- London, England
- Louisville, Kentucky
- Miami, Florida
- Milwaukee, Wisconsin
- New Orleans, Louisiana
- Phoenix, Arizona
- Rochester, New York
- Washington, D. C.

International Association of Bloodstain Pattern Analysts, Corning, NY; Denver, CO; Montreal, Que.; Col. Springs, CO; Miami, FL; Oklahoma City, OK.
International Materials Handling Association, Elmira, New York
International Meeting of Forensic Sciences, Wichita, Kansas
Judicial Conference of Virginia, Williamsburg, Virginia
Juneau Police Department, Juneau, Alaska
Law-Medicine Center, Western Reserve University, Cleveland, Ohio
LEAA Advanced Homicide Seminars
- Biloxi, Mississippi
- Downington, Pennsylvania
- New Orleans, Louisiana
- Burlington, Vermont
- Jackson, Mississippi
- Orlando, Florida

LEAA Criminal Investigation Seminar, Jackson, Mississippi
LEAA Evidence Seminar for Judges, Jackson, Mississippi
LEAA Prosecutors Seminar
- Grenada, Mississippi
- Laurel, Mississippi

Livingston County Sheriff's Department, Lakeville, New York
Mansfield State College, Mansfield, Pennsylvania
Massachusetts Institute of Technology, Cambridge, Massachusetts
Mellon Institute, Pittsburgh, Pennsylvania
Midwest Association of Forensic Science, Bloomington, Minnesota
Milton College, Milton, Wisconsin
Minneapolis Police Training Seminar, Minneapolis, Minnesota
National Association of Accountants, Painted Post, New York
National Association of Criminal Defense Lawyers, Minneapolis, Minnesota
National College of Criminal Defense
- Denver, Colorado
- New Orleans, Louisiana

National College of District Attorneys, Orlando, Florida
National Symposium on Law Enforcement Science and Technology, Chicago, Illinois

FORMAL LECTURES AND PAPERS GIVEN IN THE US, continued

New England Division, International Association for Identification, Providence, Rhode Island
New York Academy of Trial Lawyers, New York, New York
New York State Bar Association, New York, New York
New York State Coroner's Association, Watkins Glen, New York
New York State Defenders Association, Utica, New York
New York State Division, International Association for Identification
- Albany, New York
- Ellenville, New York (Tri-State Meeting)
- Groton, Connecticut (Tri-State Meeting)
- Ithaca, New York
- Oriskany, New York
- Owego, New York
- Painted Post, New York
- Syracuse, New York

New York State Identification and Intelligence System, Albany, New York
New York State International Association of Arson Investigators, Corning, New York
New York State Municipal Police Training Council, Montour Falls, New York
New York State Trial Lawyers Association, New York, New York
New York University, Post Graduate School of Medicine, New York, New York
North Carolina Division, International Association for Identification, Lenior, North Carolina
Northern Colorado - Southern Wyoming Detectives Association, Cheyenne, Wyoming 1979, 1980, 1981, 1982
Northwest Regional Criminalistics Laboratory, Shreveport, Louisiana
Northwestern University Traffic Institute
- Chicago, Illinois
- Dallas, Texas

Office of the Medical Examiner, Providence, Rhode Island
Ohio Academy of Trial Lawyers, Columbus, Ohio
Ohio Identification Officers Association
- Brook Park, Ohio
- Kent State University, Kent, Ohio

Onondaga Community College, Criminal Justice Institute, Technicians Programs, Syracuse, New York
Onondaga County Bar Association, Syracuse, New York
Pathology Medical Services, Seminar in Forensic Medicine, Omaha, Nebraska
Pennsylvania State Coroners Association, King of Prussia, Pennsylvania
Pennsylvania State Police, Towanda, Pennsylvania
Petersburg Police Department, Petersburg, Alaska
Philadelphia College of Pharmacy, Philadelphia, Pennsylvania
Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, Pittsburgh, Pennsylvania

FORMAL LECTURES AND PAPERS GIVEN IN THE US, continued

Police Law Society
Chicago, Illinois Elmira, New York
New York, New York
Practising Law Institute
New Orleans, Louisiana New York, New York
San Francisco, California
Regional Emergency Medical Services Agency, Rochester, New York
Rhode Island Criminalists Association, Wakefield, Rhode Island
Rochester, New York Police Department
Rochester Red Cross, Rochester, New York
Rocky Mountain Division, International Association for Identification, Denver, Colorado
Rutgers University, Graduate School, New Brunswick, New Jersey
St. Bonaventure Univeresity, St. Bonaventure, New York
St. John's Univeresity, Jamaica, New York
Scientific Crime Detection Laboratory, Anchorage, Alaska
Sigma Xi
Beacon, New York Corning, New York
Toledo, Ohio
South Carolina Criminal Justice Academy, Columbia, South Carolina
South Carolina Division, International Association for Identification, Charleston, South Carolina
Southern Police Institute, Louisville, Kentucky
State University of New York, Binghamton, New York
Steuben County Magistrates Association
Presho, New York
Corning, New York (twice)
Suffolk County Criminal Bar Association, Hempstead, New York
Syracuse University, Law College, Syracuse, New York
Temple University, Ambler Campus, Ambler, Pennsylvania
Texas Department of Public Safety, Austin, Texas
Tioga County Death Investigation Seminar, Owego, New York, 1979
1980
University of Alabama, Birmingham, Alabama
University of Arizona, Tucson, Arizona
University of Buffalo, Buffalo, New York
University of Chicago, Chicago, Illinois
University of Delaware, Dover, Delaware
University of Missouri, Law School, Kansas City, Missouri
University of New Haven, New Haven, Connecticut
University of Oregon, Attorney General's Program for Prosecutors, School of Law, Eugene, Oregon
University of Rhode Island, Kingston, Rhode Island
University of Richmond, Law School, Richmond, Virginia (twice)
University of Tennessee, Law School, Memphis, Tennessee
University of Vermont, Medical-Legal Seminar, Woodstock, Vermont
University of West Virginia, Morgantown, West Virginia
Vermont Bar Association, Montpelier, Vermont
Vermont Medical Seminar, Burlington, Vermont
Western Conference on Criminal and Civil Problems, Wichita, Kansas

FORMAL LECTURES AND PAPERS GIVEN OUTSIDE OF THE UNITED STATES:

American Trial Lawyers Association, Freeport, Grand Bahamas
Australian Forensic Science Society, New South Wales Division, Sydney, Australia
Australian International Symposium on Forensic Science, Melbourne, Australia
Canadian Identification Society, Vancouver, British Columbia
Canadian Society of Forensic Science
Edmonton, Alberta; Ottawa, Ontario; Quebec City, Quebec; Toronto, Ontario
Edmonton Police Department, Edmonton, Alberta
Forensic Science Society, Kettering, Northamptonshire, England
Halifax Police Department, Halifax, Nova Scotia
Home Office Central Research Establishment, Forensic Science Laboratory, Aldermaston, England
Institute of Environmental Health & Forensic Science
Christchurch, New Zealand and Wellington, New Zealand
Institute of Forensic Medicine, University of Munich, Munich, Germany
Institute of Forensic Medicine, University of Zurich, Zurich, Switzerland
International Association for Identification, London, England
International Meeting of Forensic Sciences, Toronto, Ontario
King's College, London, England
Kriminalexpo '92, International Conference and Exhibition on Criminal Investigation and Justice, Budapest Hungary
National Association of Criminal Defense Lawyers, Montreal, Quebec
National Research Council (Canada), Ottawa, Ontario
New Scotland Yard, London, England
New Zealand Forensic Science Society, Petone, New Zealand
New Zealand Forensic Science Society, Auckland Division, Auckland, New Zealand
New Zealand Police College, Porirua, New Zealand
Ontario Crown Attorney's Association, Toronto, Ontario
RCMP Regional Laboratory, Sackville, New Brunswick
Royal Newfoundland Constabulary, St. Johns, Newfoundland
St. John Police Department, St. John, New Brunswick
Seaway Law Enforcement Officer's Organization, Cornwall, Ontario
South Yorkshire Police Seminar on Bloodstain Evidence, Sheffield South Yorkshire, England
Taipei International Symposium on Forensic Sciences, Taipei, ROC
The Forensic Science Service Seminar on Bloodstain Evidence, Weatherby, West Yorkshire, England
United States Army Crime Laboratory, Frankfurt, Germany 1978, 1983
University of Dundee, Department of Forensic Pathology, Dundee, Scotland
University of Ottawa, Law School, Ottawa, Ontario (annual 1975-)
University of Padua, Institute of Forensic Medicine and Criminology, Padua, Italy
Virginia Bar Association, Dorado, Puerto Rico

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EXH. B.T # 2
Resume
Herbert
Lee
MacDonell

INFORMAL LECTURES OR VISITS WITHIN THE UNITED STATES:
Alaska State Troopers, Headquarters, Fairbanks, Alaska
Albany, New York Police Department
Alcohol, Tobacco, and Firearms Bureau, Washington, D. C.
Allegheny County Crime Laboratory, Pittsburgh, Pennsylvania
Atlantic City, New Jersey Police Department
Boston, Massachusetts Police Laboratory
Birmingham, Alabama Regional Crime Laboratory
Chicago, Illinois Police Laboratory
Cleveland, Ohio Police Department
Connecticut State Police Crime Laboratory, Meriden, Connecticut
Cook County Sheriff's Police, Maywood, Illinois
Cumberland, Maryland Police Department
Dallas, Texas Police Department
Denver, Colorado Police Department
Detroit, Michigan Police Department
Elmira, New York Police Department
Federal Bureau of Investigation, Washington, D. C.
Georgia State Crime Laboratory, Atlanta, Georgia
Greenville, North Carolina Police Department
Houston, Texas Police Department Crime Laboratory
Jacksonville, Florida Crime Laboratory
Kenosha, Wisconsin Police Department
Long Beach, California Identification Bureau
Louisville, Kentucky Police Department
Massachusetts Institute of Technology, Cambridge, Massachusetts
Miami, Florida Police Department
Minneapolis, Minnesota Police Department
Nassau County, New York Police Department
Nelson Police Department, Nelson, New Zealand
New Jersey State Police Crime Laboratory, West Trenton, New Jersey
New Orleans, Louisiana Police Department
New York, New York Police Department
New York State Division of Identification, Albany, New York
New York State Police Laboratory, Albany, New York
Oakland, California Police Laboratory
Office of the Medical Examiner, Rochester, New York
Oklahoma State Bureau of Investigation, Oklahoma City, Oklahoma
Pennsylvania State Police Laboratory, Harrisburg, Pennsylvania
Philadelphia, Pennsylvania Medical Examiner's Office
Pittsburgh, Pennsylvania Police Department
Providence, Rhode Island Police Department
Rhode Island State Laboratories for Scientific Criminal Investigation, Kingston, Rhode Island
Salt Lake City, Utah Police Department
South Carolina Law Enforcement Division, Columbia, South Carolina
St. Louis, Missouri Police Department
Suffolk County, New York Police Laboratory
Syracuse, New York Police Department Crime Laboratory
Utah State Bar Association, Salt Lake City, Utah
Virginia Bureau of Forensic Science, Richmond, Virginia

Exhibit #2

INFORMAL LECTURES OR VISITS OUTSIDE THE UNITED STATES:
Attorney General's Laboratory, Toronto, Ontario
Bayrischer Landes Kriminalamt Polizei, Munchen, Germany
Budapest, Hungary, Police Department
Center of Forensic Science, Toronto, Ontario
Federal Police Training Center, Hiltrup, Germany
Freeport, Grand Bahamas, Criminal Investigation Division
Kanagawa Central Police Bureau, Japan
Innsbruck, Austria Police Department
International Criminal Police Organization (INTERPOL), St. Cloud, France
Institute of Forensic Sciences, Budapest, Hungary
Kriminalpolizei, Ulm, Germany
L'vov Police Department, L'vov, Ukraine (USSR)
Medecine Legale of Police Scientifique, Quebec City, Quebec
Metropolitan Police Laboratory, London, England
Montreal, Quebec Police Department
Munich, Germany Police Department
National Police Administration, Taipei, Republic of China
New Zealand Division of Scientific and Industrial Research (Forensic Laboratory), Wellington, New Zealand
New Zealand Police, Auckland, New Zealand
New Zealand Police, Wellington, New Zealand
Ottawa, Ontario Police Department
Paris, France Police Crime Laboratory and Identification Bureau
Polizeirevier, Karlsruhe, Germany
Puerto Rico Police Academy, Gurabo, Puerto Rico
Rome, Italy Police Department
Royal Canadian Mounted Police Headquarters, Charlottetown, Prince Edward Isle
Royal Canadian Mounted Police Laboratory, Ottawa, Ontario
Sicherheitskorps Polizei, Vaduz, Liechtenstein
St. Felician, Quebec Police Department
St. Moritz, Switzerland Police Department
Sunnyside, Prince Edward Isle Police Department
Swedish Polish College, Stockholm, Sweden
Taipei Municipal Police, Taipei, Republic of China
Taiwan Police College, Taipei, Republic of China
The Forensic Science Service, Wetherby, West Yorkshire, England
Toronto, Ontario Police Department
Val d'Or, Quebec Police Department
Victoria Police Crime Laboratory, Melbourne, Australia
Zurich, Switzerland Police Crime Laboratory

CONSULTATIONS AND/OR EXPERT TESTIMONY:
All fifty United States, District of Columbia, Australia, Canada (Newfoundland, Nova Scotia, Ontario, Quebec), Republic of China, Denmark, Dominica, Germany, Grand Cayman Island, Italy, Korea, New Zealand, Philippines, Puerto Rico, Sweden, Switzerland, Virgin Islands

Exhibit #2

MEETING CHAIRMAN:

Symposium on Forensic Chemistry, American Chemical Society 156th National Meeting, 11 September 1968, Atlantic City, New Jersey

American Academy of Forensic Science, Criminalistics Section, 1969-1970

Fifth International Meeting of Forensic Sciences, Criminalistics Sectional Meeting, 9 June 1969, Toronto, Ontario, Canada

Third Annual Police Law Society Meeting, 20-23 August 1969, Elmira, New York

New York State Division of the International Association for Identification, Spring Meeting, 7-8 April 1972, Painted Post, New York

International Association for Identification, "I Had A Case"

Milwaukee, Wisconsin, 1972	New Orleans, Louisiana 1977
Jackson, Wyoming, 1973	Phoenix, Arizona, 1979
Arlington, Virginia, 1974	Rochester, New York 1982
Key Biscayne, Florida, 1975	Anchorage, Alaska, 1984
Asheville, North Carolina, 1976	London, England, 1986

Seminar on Scientific Homicide Investigation and the Law, 9-13 July 1973, Corning Community College, Corning, New York

Seminar on Death Investigation, 8-12 July 1974, Corning Community College, Corning, New York

Seminar on Death Investigation, 26-30 May 1975, Corning Community College, Corning, New York

Canadian Society of Forensic Sciences, Annual Meeting, General Sectional Meeting, 17 October 1975 Toronto, Ontario, Canada

Seminar on Death Investigation, 24-28 May 1976, Corning Community College, Corning, New York

New York State Division of the International Association for Identification, Fall Meeting, 12-13 November 1976, Syracuse, New York

Seminar on Death Investigation, 5-6 June 1978, Broome Community College, Binghamton, New York

New York State Division of the International Association for Identification, Fall Meeting, 6-7 October 1978, Painted Post, New York

Seminar on Forensic Science in Homicide Investigation, 22-25 August 1979, Tioga County Sheriff's Department, Owego, New York

Seminar on Forensic Science in Homicide Investigation, 6-9 October 1980, Tioga County Sheriff's Department, Owego, New York

New York State Division of the International Association for Identification, Fall Meeting, 10-11 October 1980, Owego, New York

Australian Forensic Science Society, Ninth International Symposium on the Forensic Sciences, Physical Evidence Seminar, 5 February 1986, Melbourne, Australia

Taipei International Symposium on Forensic Science, 25 March 1991, Taipei, Republic of China

The Forensic Science Society, 26 March 1993, Kettering, England

EXHIBIT #2

PATENTS:
3,114,692 - Chromatographic Separation Process
3,132,036 - MAGMA Brush Fingerprint Development Method
3,219,468 - Iodine-Porous Glass Fingerprint Development Method
3,340,171 - Method for Electrophoretic Separation

CORRECT ADDRESS FOR MAIL ONLY:

HERBERT LEON MACDONELL
Post Office Box 1111
Corning, New York 14837

CORRECT ADDRESS FOR UPS, FEDEX OR OTHER COURIERS:

HERBERT LEON MACDONELL
2285 Davis Road
Corning, New York 14837

ADDRESS EITHER WILL UNDERSTAND, IN THIS ORDER ONLY!

HERBERT LEON MACDONELL
2285 Davis Road
Post Office Box 1111
Corning, New York 14837

TELEPHONE AND FAX:

Office Telephone: (607) 962-6581 (after 9:00 AM)
Home Telephone: (607) 962-6581 (after 9:00 AM)
FAX: (607) 936-6936 (24 hours)

23 September 1995

Exhibit #2

Volume 10 NDAA Issues 1 & 2 1991

Selected Forensic and Physical Evidence Experts

Professor Herbert Leon MacDonell has been dubbed this nation's premier criminalist but it's hard to find enough superlatives to describe this brilliant and colorful man. Consider for a moment some of his major contributions to criminal justice:

- **Developed and holds four patents including the patent for the MAGNA Brush fingerprint development method. This methodology uses a magnet to pull fingerprint powder from the latent fingerprint ridges left on a surface. It improved upon the old methodology which incorporated the use of a camel hair or feather brush to sweep away powder and had the effect of driving the powder down into the ridge.**

- **Wrote the two "bibles" on bloodstain investigation – *Flight Characteristics and Stain Patterns of Human Blood* and *Bloodstain Pattern Interpretation*.**

- **Has been consulted or testified in some of the most famous criminal cases in the country including the Black Panther case, the assassination of Robert Kennedy, the Jean Harris case, and numerous others.**

Surprisingly enough, considering his current fame and stature in the field, criminalistics was only an avocation with MacDonell at first. For 15 years he worked for Corning Glass Works in Corning, New York, during the day and worked and experimented in his avocation at night even though this sometimes meant sleeping only three hours at a stretch. Finally, after establishing his reputation as a nationally known criminalist with the Black Panther case in Chicago in 1969 and after developing the MAGNA Brush fingerprint method and writing his first book on bloodstain evidence, MacDonell was able to devote all his time to the practice and teaching of his chosen field. He became and remains a full-time consulting criminalist.

Professor MacDonnell at work.

MacDonell's expertise in criminalistics lies in three areas: fingerprint analysis, firearm identification, and bloodstain interpretation. Even though he has been instrumental in determining the guilt or innocence of defendants in cases involving all three areas, MacDonell says that "in 40 years he has disagreed with only four fingerprints and not once with firearms identification."

There have been many other occasions when his report or testimony based upon bloodstain or firearms evidence has contradicted opinions held by other experts or statements made by those at trial. Accounts of some of these cases are found in a book written about MacDonell entitled *The Evidence Never Lies* by Alfred Allan Lewis. As Lewis points out in the book, MacDonell is never "a liar for hire" but "is interested only in a scientific analysis of the evidence which he regards as synonymous with the truth." "Just last week," MacDonell laughs, "I had to tell two defense lawyers on Wednesday that I couldn't help them because the evidence goes against them. And then again on Friday, I had to tell two prosecutors the same thing."

MacDonell was asked by the Black Panthers to use his firearms identification skills to study the scene of a shoot-out between Black Panthers and police which took place at the apartment of one of their leaders. Contrary to police testimony, MacDonell found that the shoot-out was a totally one-sided affair with only one shot being fired out, most likely by the Black Panthers in defense. Not only was the case against the Black Panthers dropped but in a later civil case, the survivors were awarded $1.85 million.

Perhaps MacDonell's most outstanding contribution to criminalistics is his expertise in bloodstain interpretation. MacDonell says he can often scientifically determine by the size of spots of blood, their location, and any transfer patterns, information such as what kind of energy was expended (beating, stabbing, gunshot), what sort of weapon produced the impact, the number of blows or shots that were given, where the perpetrator was standing, where the victim was located, and whether the blows came from the right or left.

Using his scientific know-how, MacDonell was able to solve the Case of the Zeigler Furniture Store Murders in Florida in 1975 by studying the grisly scene of four bodies which had been shot and bludgeoned to death. As Lewis writes, his "vivid courtroom reconstruction of the slayings did much to convince the jury of its verdict."

Though Herbert MacDonell is an incredibly busy man (just back from China and on his way to Australia), he seems to truly enjoy his life of scientific sleuthing. For more information or consultation, contact Professor Herbert Leon MacDonell, P. O. Box 1111, Corning, New York 14830 (607) 962-6581.

Def 11 Exh. B-1 #2