

Curriculum Vitae

[Current August, 2009]

Jon J. Nordby, Ph.D., D-ABMDI

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University Place, WA 98466

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Cell: 253-691-2932

Present Positions: Consultant in forensic science and forensic medicine, *Final Analysis Forensics*; Medical Investigator & Forensic Specialist, National Disaster Medical System, DMORT, Region X, Federal Emergency Management Agency FEMA [formerly with the Department of Homeland Security]; Instructor, Washington State Criminal Justice Training Academy [Police – Patrol & Detective Training Facility]

Areas of Practice in Forensic Science & Forensic Medicine

Medico-legal Death Investigation; Bloodstain Pattern Analysis; Ballistics, Firearms & GSR Testing; Trace Evidence Analysis; Crime Scene Investigation & Event Reconstruction

Research

1. Publications Including Books

Sleuthing: Method Meets Murder, Jon J. Nordby, Ph.D. Pacific Lutheran University, Tacoma, WA, 1st Edition, 1978

Sleuthing: Method Meets Murder, Jon J. Nordby, Ph.D., assisted by Karen Brandt, Forensic Science Associates, Tacoma, WA, 2nd Edition, 1991

“How Approximations Take Us Away From Theory and Toward the Truth” Nancy D. Cartwright, Ph.D. & Jon Nordby, Ph.D., *Pacific Philosophical Quarterly*, July 1983

How the Laws of Physics Lie, written by Nancy Cartwright, with Jon Nordby co-authoring Essay #6, “For Phenomenological Laws,” pp. 100-127; further acknowledgment of Nordby in Introduction, pp.1-20; Clarendon Press, Oxford University Press, New York, NY, 1983

Synthese: The Philosophy of Applied Science, Jon Nordby, Ph.D. & Vivian Weil, Editors, Vol. 81, Kluwer Academic Publishers, 1989

“Bootstrapping While Barefoot [Crime Models vs. Theoretical Models in the Hunt for Serial Killers]” Jon Nordby, Ph.D., *Synthese*, Vol. 81, pp. 373-389, 1989

“Can We Believe What We See If We See What We Believe? Expert Disagreement” Jon Nordby, Ph.D., *Journal of Forensic Sciences*, Vol. 37, No. 4, July 1992

“Can We Believe What We See If We See What We Believe? Expert Disagreement” Jon Nordby, Ph.D., Reprinted, *The International Society of Air Safety Investigators Forum*, Vol. 26, No. 3, September, 1993

“Science is as Science Does: The Question of Reliable Methodologies in ‘Real Science’,” Jon Nordby, Ph.D., *Shepard’s Expert and Scientific Evidence Quarterly*, Vol. 2, No. 3, winter 1995

“The Study of Philosophy Can Help Solve Mysteries,” Jon Nordby, Ph.D., *Pacific Lutheran Scene Magazine*, fall, 1996

“A Member of the Roy Rogers Riders Club Must Follow the Rules Faithfully” Jon Nordby, Ph.D., *Journal of Forensic Sciences*, Vol. 42, No. 6, November, 1997

Dead Reckoning: The Art of Forensic Detection,” Jon Nordby, Ph.D., CRC Press, 1999

Careers in the Forensic Sciences, Jon J. Nordby, Ph.D., contributor, Forensic Sciences Foundation, Colorado Springs, CO, 2000

“Is Forensic Taphonomy Scientific?” Jon Nordby, Ph.D., [Chapter in *Forensic Taphonomy: Volume II*, W. D. Haglund, Ph.D. & M. H. Sorg, Ph.D., Editors, CRC Press, 2002]

Forensic Science: An Introduction to Scientific and Investigative Techniques, edited by Jon Nordby, Ph.D., and Stuart James; and chapters 1, 30 written by Jon Nordby, Ph.D., CRC Press, released August, 2002, copyright 2003

Forensic Science: An Introduction to Scientific and Investigative Techniques, edited by Jon Nordby, Ph.D., and Stuart James, CRC Press, Second Edition, copyright 2005

Instructor’s Guide for Forensic Science: An Introduction to Scientific and Investigative Techniques, edited by Jon Nordby, Ph.D., Stuart James, Sara R. Kreisman, CRC Press released September, 2002, copyright 2003

Encyclopedia of Forensic and Legal Medicine, edited by Jason Payne-James, Roger Byard, Tracey Corey, and Carol Henderson, Elsevier Science Ltd, Volume 2, Crime Scene Management Systems, United States of America, Jon Nordby, Ph.D., page 46, copyright 2005

“Misplaced Method in the Science of Murder,” Jon J. Nordby, Ph.D., D-ABMDI, [Chapter VII in *Proof . . . and How to Get Some: Failure, Accident and Crime Investigation Methods*, Randall Noon, P.E., CRC Press LLC, 2008]

2. Reviews

On the Trail of Murder; Inside Murder, a Psychiatric Portrait, by Walter Bromberg, MD
Book Draft editorial review for MIT Press, 1995

Ethics in Forensic Science by Peter D. Barnett, Protocols in Forensic Science Series, CRC Press 2002,
Book review for the *Journal of Forensic Sciences*, spring 2002

Lust Murder/Sexual Homicide Book Draft proposal review for Elsevier Science Publishing, 2005

Associate Editor, *International Association of Bloodstain Pattern Analysts Review*, from 1993 –
Reviewed many technical articles for publication to date

Guest Editor, *Journal of Forensic Sciences*, reviewer of articles or books on ethics, scientific method, issues of bias and ‘scientific neutrality’

3. Computer Programs

Della, [Investigative reasoning training tool, teaching the logic of homicide investigation], Stanford University and Pacific Lutheran University, Aid Association for Lutherans, 1982-1983

DOA, [*Death Occurrence Analyst*], reference and inference tool for the investigation of sudden, unexpected deaths, including homicides of each model type, with Clifford Jo, Copyright 1988

4. Radio and Television

Behind the Shield, “Homicide Investigation,” with Mark Mann, Produced by Lane Ficke, Cable Channel 12, 1994

Cop Talk, “Dead Reckoning – Forensic Sciences & Law Enforcement,” with Mark Mann, KVI 570 Seattle, Washington, 1995

Discovery Channel; Cronkite Ward Company, Documentary film – “Sherlock Holmes and the Hound of the Baskervilles,” producer, Philippa Gilmore, Washington DC, 2002

5. Work in Progress

The Scientific Foundations of Crime Scene Reconstruction, CRC Press, forthcoming book, 2010

6. Laboratory Research

Florescence Spectrometry in the Detection, Photography, and Analysis of Gun Shot Residues

The Identification and Detection of RPG residues at a distance through non-destructive analytical methods SBIR Topic AF05-075: “Visualization of Propellant Residues from Shoulder-Fired Rockets upon Skin and Clothing,” U.S. Air Force, Wright-Patterson AFB

SWGSTAIN Validation study participant: *BackTrack* bloodstain pattern analysis program – FBI [Federal Bureau of Investigation]

7. Discussions of Dr. Nordby’s work

Ramsland, Katherine, *The Forensic Science of C. S. I.*, published by Berkley Boulevard Penguin Putnam Inc., New York N.Y. 2001, chapter 6, especially pp. 128 – 132.

Discovery Channel; Cronkite Ward Company, Documentary film – “Sherlock Holmes and the Hound of the Baskervilles,” producer, Philippa Gilmore, Washington DC, 2002

Grants and Fellowships

Aid Association for Lutherans, [awarded 1981-82] Regency Advancement Awards [two], NJI [not awarded], NSF [not awarded], PLU Presidential Grant, [\$1000, 1986] Dr. Reike; Guy’s Hospital Senior Research Fellowship [awarded 1994], other minor grants

Awarded Phase 1 SBIR Topic AF05-075: “Visualization of Propellant Residues from Shoulder-Fired Rockets upon Skin and Clothing,” U.S. Air Force, Wright-Patterson AFB

Papers and Presentations

<u>Date</u>	<u>Title</u>	<u>Status</u>
1988	<i>Introducing Death Investigation to Legal and Human Services Professionals</i> PCME Workshop, Marriott Hotel	Co-Organizer & Presenter

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| Seattle Washington | [Student Evaluations] |
| 1989 <i>Sleuthing Random Homicides</i>
University of Portland
Portland, Oregon | Invited lecture |
| 1989 <i>Investigating a Mutilation Murder</i>
St. Louis University School of Medicine
St. Louis, Missouri | Peer Review
[prior review] |
| 1990 <i>Forensic Applications of Logic & Probability Theory</i>
American Academy of Forensic Sciences
Cincinnati, Ohio | Peer Review
[prior review] |
| 1991 <i>Can We Believe What We See If We See What We Believe?</i>
American Society of Forensic Odontology
Anaheim, California | Invited by Peers
[prior review] |
| 1991 <i>Logic and Computer Science as Emerging Forensic Sciences</i>
American Academy of Forensic Sciences
Anaheim, California | Peer Review |
| 1991 <i>Logical Problems in Knowledge Engineering: Criminal Investigative Analysis</i>
FBI Academy
Quantico, Virginia | Invited by Peers
[prior review] |
| 1991 <i>Murder Unrecognized</i>
Highline Community Hospital
Riverton Campus,
Seattle, Washington | Invited by UW
CME Officer |
| 1991 <i>The Perfect Murder</i>
Mystery Writers of Seattle
Seattle, Washington | Invited by Peers
[prior review] |
| 1992 <i>Observation and the so-called 'Expert Witness'</i>
University of British Columbia Department of Forensic Pathology
Vancouver, British Columbia | Invited by Peers
[prior review] |
| 1992 <i>Listen to the Silent Majority and Learn to Autopsy</i>
Presidential Forum, Pacific Lutheran University
Tacoma, Washington | PLU Pr. Forum
Invited |
| 1993 <i>Taking the Mystery Out of Murder: Processing Indoor & Outdoor Crime Scenes</i>
Pacific Lutheran University
Tacoma, Washington | PLU Women
By invitation |
| 1993 <i>Offering an Opinion of Your Opinion: What is Expert Opinion
"Held to a Reasonable Degree of Medical or Scientific Certainty"?</i>
American Academy of Forensic Sciences
Boston, Massachusetts | Peer Reviewed
[prior review] |
| 1994 <i>Extracting Signs From Scenes: Advanced Bloodstain Pattern Analysis</i>
University of British Columbia Dental School
Vancouver, British Columbia | Invited by Peers
[prior review] |

- 1994 *The History and Philosophy of Forensic Science*
University of Washington Dept. of Clinical Medicine
Seattle, Washington
Invited by Peers
[prior review]
- 1994 *Science, Law, and the Quincy Myth*
Training Course for Coroners and Forensic Pathologists
Office of the Chief Coroner Ministry of the Solicitor General
Toronto, Ontario Canada
Invited by Peers
[prior review]
- 1994 *Open Mind, Case Closed or Closed Mind, Case Open*
Training Course for Coroners and Forensic Pathologists
Office of the Chief Coroner Ministry of the Solicitor General
Toronto, Ontario Canada
Invited by Peers
[prior review]
- 1994 *A Tabloid Explanation Meets Sherlock's Logic:
Dousing Spontaneous Human Combustion*
American Academy of Forensic Sciences
San Antonio, Texas
Peer Reviewed
- 1994 *Forensic Science Education in the Year 2010*
American Academy of Forensic Sciences
San Antonio, Texas
Invited by Peers
[prior review]
- 1995 *The Uses of Forensic Science*
Multidisciplinary Symposium (now annually)
American Academy of Forensic Sciences
Seattle, Washington
Organizer,
[prior review]
- 1995 *Forensic Scientific Evidence and Testimony in the Courtroom*
Panelist, Scientific and Professional Standards Governing Forensic Science
American Academy of Forensic Sciences
Seattle, Washington
Invited by Peers
[prior review]
- 1995 *Do Two Wrongs Make a Right?*
Ethical Foundations of Forensic Psychiatry
American Academy of Psychiatry and the Law
Seattle, Washington
Invited by Peers
[prior review]
- 1996 *Forced Change in Forensic Science*
American Academy of Forensic Sciences Workshop
Nashville, Tennessee
Peer Reviewed
- 1997 *Junk Science in the Courtroom*
American Academy of Psychiatry and the Law
New York, New York
Invited by Peers
[prior review]
- 1997 *Teamwork at the Crime Scene*
Multidisciplinary Symposium
American Academy of Forensic Sciences
New York, New York
Invited by Peers
[prior review]
- 1997 *Ethical Practice in the Forensic Sciences*
Panelist, Plenary Session
American Academy of Forensic Sciences
Invited by Peers
[prior review]

- New York, New York
- 1998 *Ethics in Homicide Investigations* Invited lecture
Washington State Criminal Justice Training Commission
Seattle, Washington
- 1999 *Investigative Ethics for Sworn Law-enforcement Officers* Invited lecture
Washington State Criminal Justice Training Commission
Seattle, Washington
- 2000 *Death Scenes & the Human Body* Invited lecture
UW Extension Lecture
Certificate Program in Forensic Science
Seattle, Washington
- 2000 *Ethics in Homicide Investigations* Invited lecture
Washington State Criminal Justice Training Commission
Basic Homicide Investigation
Seattle, Washington [prior review]
- 2000 *Doing Our Best While Doing Our Duty: The Ethics of Homicide Investigation* Invited by Peers
Police Executive Research Forum [PERF] Homicide Course
Memphis, Tennessee [prior review]
- 2000 *Klan Justice & the Liar's Paradox: New Evidence from Old Records* Peer Reviewed
[Bias & Prejudice in the Investigation of Hate Crimes]
International Association of Bloodstain Pattern Analysts
Tucson, Arizona [prior review]
- 2000 *Dead Reckoning: Cases and Principles of Investigation* Invited by Peers
Oregon Health Sciences University
Portland, Oregon
- 2001 *Hate Crimes & Their Scientific Re-investigation* Invited by Peers
Multidisciplinary Symposium on the Uses of Forensic Science
American Academy of Forensic Sciences
Seattle, Washington [prior review]
- 2001 *Ethical Codes, Oaths of Honor and Police Use-of-Force* Invited lecture
Washington State Attorney General's Office
Investigators Retreat
Ocean Shores, Washington
- 2001 *Forensic Sciences: Death Investigation Course Spring Quarter* Lecturer
University of Washington Extension
Seattle, Washington
- 2002 *Necessary Basics: Crime Scene Investigation and Event Reconstruction* Invited lecture
Washington Defenders Association
Investigators Conference
Ocean Shores, Washington

2002 <i>Scientific Reasoning: Forensic Analysis and Inference to the Best Explanation</i> University of Washington Extension Seattle, Washington	Lecturer
2003 <i>Ballistics & Crime Scene Reconstruction</i> Mystery Writers of Seattle Seattle, Washington	Invited lecture
2006 <i>Documentation, Photography & Processing of Bloodstain Patterns</i> Pacific Northwest Division International Association for Identification Boise, Idaho	Invited workshop
2006 <i>Bloodstain Pattern Evidence</i> Pacific Northwest Division International Association for Identification Boise, Idaho	Invited lecture
2008 <i>Scientific Crime Scene Reconstruction</i> Seattle Pacific University, Department of Chemistry Seattle, Washington	Invited lecture
2009 How to Use Autopsy and Medical Reports in Bloodstain Pattern Analysis Midwest Forensics Resource Center Ames Laboratory – funded by NIJ Ames Iowa	Invited Lecture

Teaching Competencies

- ◆ Logic & Scientific Method; Philosophy of Science and Medicine; deductive logics, set theory, meta-mathematics, non-deductive logics; Ethics & Police Use-of-Deadly-Force Policy; Critical Thinking & Critical Intelligence Development
- ◆ Ballistics – Terminal Ballistics, Trajectory Analysis, GSR Testing; Bloodstain Pattern Analysis; Microscopy; Crime Scene Reconstruction; Criminalistics; Medico-legal Death Investigation; Homicide Investigation; Identification & Recovery of Human Remains; Crime Scene Processing; Evidence Collection, Documentation and Analysis

Professional Memberships

Fellow, American Academy of Forensic Sciences
Diplomat, American Board of Medico-legal Death Investigators
American Chemical Society, Member, Analytical Chemistry Section
Association for Crime Scene Reconstruction
Canadian Society of Forensic Science
Founding Member, Department of Homeland Security
International Association of Bloodstain Pattern Analysts
International Criminal Justice Law Enforcement Expert Systems Association
(FBI, Home Office, Interpol, Metropolitan Police, Berlin Police, and U.S. Police Jurisdictions)
Pacific Northwest Forensic Science Study Group
Philosophy of Science Association (Chemistry & Physics)
Scientific Working Group on Bloodstain Pattern Analysis [SWGSTAIN]
FBI [Federal Bureau of Investigation]
State Microscopical Society of Illinois

Professional Offices

American Academy of Forensic Sciences:

Charter Member, Council of Forensic Science Education
General Section Membership and Disciplines Committee
Program Chair, Multidisciplinary Session: The Uses of Forensic Science
Plenary Session Program Co-chair, Ethical Issues in Science & Law
Plenary Session Speaker
Member, Ethics Task Force
General Section Program Co-chair, Scientific Sessions
Local Arrangements Committee, Seattle 1995; 2001
General Section Secretary
General Section Chair
General Section Director, 2002 - 2005
Member, Academy Board of Directors, 2002 - 2005
Member, Forensic Science Foundation Board of Directors, 2002 - 2005
Member, Academy Ethics Committee 1995 - 2005

International Criminal Justice Law Enforcement Expert Systems Association
Elected Chair, 1991

International Association of Bloodstain Pattern Analysts

Associate Editor, IABPA Technical Review Newsletter

SWGSTAIN [Scientific Working Group on Bloodstain Pattern Analysis] Legal Subcommittee,
Drafted Group's Ethics Code & Ethics Policy
FBI [Federal Bureau of Investigation], Washington DC

University Service

General Service:

Arête Society Member, term as President [*Phi Beta Kappa Chapter applicant*];
Weight training coach for the PLU Football Team's offensive line, 1978-1981; Division II National
Championship team; Player-coach, PLU Water Polo Club, 1978-1982;
General Advisor; Departmental Advisor; Philosophy Club Advisor; Committee Memberships: University
Student Grievance Committee; Interim Committee; Interim Committee Chair; Non-Human Subjects
Review Board; Human Subjects Review Board; Educational Policies Committee; Faculty Secretary;
Department Chair; Administrative duties associated with chair; Supervising eight faculty and two support
staff

Special Service:

Developed community /international service programs with law enforcement, legal community, and
medical examiners offices in Washington State and London, England; By special invitation, lead the only
group of U.S. students ever to visit the 'Black Museum' at Scotland Yard, London England; Presidential
Forum: Death Investigation; Developed Student Internships with Pierce County Medical Examiner, and
Tacoma Police Department.

University Employment History:

1. Entry rank 1977: Assistant Professor
2. Tenured academic year 1985 - 1986
3. Promoted to associate professor academic year 1988 - 1989
4. Promoted to full professor academic year 2000 - 2001
5. Retired as a full professor, became professor emeritus, academic year 2001 - 2002

Employment

Forensic Science & Forensic Medicine Consultant, *Final Analysis Forensics* (1984 -)
Medical Investigator & Forensic Specialist, National Disaster Medical System, DMORT Region X (1998-)
Instructor, Washington State Criminal Justice Training Commission (1995 -)

Professor Emeritus and Former Department Chair, Pacific Lutheran University
Consultant, B.C. Coroner's Service Forensic Unit (1988 – 1997)
Consultant, King County Medical Examiner's Office (1993 - 1999)
Consultant, Pierce County Medical Examiner's Office (1992 - 1999)
Consultant, Puyallup Police Department, Investigations Section (1995 -)
Medical Investigator, training officer, King County Medical Examiner's Office (1992 – 1995)
Medical Investigator, training officer, Pierce County Medical Examiner's Office (1986 – 1992)

Education

1970 BA St. Olaf College, Northfield, Minnesota, *Cum Laude*
1975 MA University of Massachusetts-Amherst
1977 Ph.D. University of Massachusetts-Amherst
1982 Visiting Scholar: Stanford University, Stanford California
1986 – 1991[inclusive; 6 years] Preceptorship, Forensic Pathology, E. Q. Lacsina, MD, Preceptor, PCMEO

Board Certification

Diplomat, American Board of Medico legal Death Investigators, Registry #412

Other Certification

Armorer, Beretta Law Enforcement and Defense Group, #0408

National Disaster Medical System Deployments: DMORT Region X

New York City – World Trade Center Terrorist Attack on America 9/11/01
Duties – Evidence Section – receive/examine/catalogue human remains & evidence for
OCME & NYPD
Memorial Park - store, retrieve tissues for further forensic analysis
Imaging Section – computerize and review developing case files for OCME, NYPD, New
York City Health Department, relevant Courts

Continuing Medical Education

1988 Death Investigation U.W. School of Medicine Seattle, Washington	1988 Death Investigation U.B.C. Department of Pathology Vancouver, British Columbia
1989 Death Investigation Alberta Chief Medical Examiner Calgary, Alberta	1989 Masters Three Death Investigation St. Louis University School of Medicine St. Louis, Missouri
1990 Guy's Hospital Medical School Dept. of Forensic Medicine London, England	1990 AAFS Continuing Medical Education Recovery of Decomposed Remains Cincinnati, Ohio
1992 Guy's Hospital Department of Forensic Medicine London, England	1992 Royal Society of Medicine Police Surgeon & Forensic Medicine London, England
1992 AAFS Continuing Medical Education Forensic Radiology New Orleans, Louisiana	1993 AAFS Continuing Medical Education Assisted Suicide & the Law Boston, Massachusetts
1994 Guy's Hospital Medical School	1994 AAFS Continuing Medical Education

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| Dept. of Forensic Medicine
London, England | Forensic Science & the Environment
San Antonio, Texas |
| 1995 AAFS Continuing Medical Education
Scientific Evidence and Testimony
Seattle, Washington | 1995 American Association Psychiatry & Law
Ethics in Medical Practice
Seattle, Washington |
| 1997 Mt. Sinai School of Medicine
Junk Science in the Courtroom
New York, New York | 1997 AAFS Continuing Medical Education
Ethical Practice in Forensic Science
New York, New York |
| 1999 DMORT Mass Disaster Training
US Department of Health &
Human Services
Gresham, Oregon | 2000 DMORT Team #10 Training
US Department of Health &
Human Services
Edmonds, Washington |
| 2001 AAFS Continuing Education
Scientific Sessions
Seattle Washington | 2001 Advanced Shooting Reconstruction
UNT Police Academy
Denton, Texas |
| 2002 AAFS Continuing Education
Scientific Sessions
Atlanta, Georgia | 2003 AAFS Continuing Education
Scientific Sessions
Chicago, Illinois |
| 2003 National Disaster Medical Service
National Conference
Reno, Nevada | 2003 Emergency Response to Terrorism
NDMS Conference
Reno, Nevada |
| 2004 Pharmacology & Pharmacokinetics
Workshop #23
AAFS Dallas, Texas | 2005 AAFS Continuing Education
Scientific Sessions
New Orleans, Louisiana |

Continuing Criminalistics Education

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| 1989 University of Alberta
Forensic Archeology
Edmonton, Alberta | 1990 New Scotland Yard
Fingerprints, 999
London, England |
| 1990 New Scotland Yard
Hendon Police Training School
Scenes of Crime
London, England | 1991 Bureau of Criminal Apprehension
Bloodstain Pattern Analysis
Minneapolis, Minnesota |
| 1995 Oklahoma City PD & ME
ACSR & IABPA Training
Bombing Investigation
Oklahoma City, Oklahoma | 1996 AAFS Continuing Education
Scientific Sessions
Nashville, Tennessee |
| 1996 Forensic Science Study Group
Tacoma Police Department
Tacoma, Washington | 1997 AAFS Continuing Education
Scientific Sessions
New York, New York |
| 1997 ACSR & IABPA Training
Ballistics; Bloodstains
Seattle, Washington | 1999 AAFS Continuing Education
Scientific Sessions
Orlando, Florida |

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| 2000 IABPA Training
Bloodstain Pattern Interpretation
Tucson, Arizona | 2000 AAFS Continuing Education
Scientific Sessions
Reno, Nevada |
| 2002 AAFS Continuing Education
Fingerprint Technology
Stephen Meagher, FBI [Atlanta, Georgia] | 2002 AAFS Continuing Education
Digital Photography
Atlanta, Georgia |
| 2002 McCrone Research Institute
Hair & Fiber Microscopy
Chicago, Illinois | 2002 FBI Advanced Bloodstain Pattern Analysis
Scientific Working Group
Quantico, Virginia |
| 2003 State Microscopical Society of Illinois
Inter Micro Conference
Chicago, Illinois | 2003 McCrone Research Institute
Scientific Principles of Contrast in
Polarizing Light Microscopy
Chicago, Illinois |
| 2003 FBI Advanced Bloodstain Pattern Analysis
Scientific Working Group
Quantico, Virginia | 2004 AAFS Continuing Education
Ballistics & GSR studies
Dallas, Texas |
| 2004 FBI Advanced Bloodstain Pattern Analysis
Scientific Working Group
Quantico, Virginia | 2004 HMC Analytical Instrumentation
XRF Elemental Analysis
Livermore, California |
| 2005 AAFS Workshop
Shooting Reconstruction
New Orleans, Louisiana | 2005 FBI Advanced Bloodstain Pattern Analysis
Scientific Working Group [Spring]
Quantico, Virginia |
| 2005 FBI Advanced Bloodstain Pattern Analysis
Scientific Working Group [fall]
Quantico, Virginia | 2006 FBI Advanced Bloodstain Pattern Analysis
Scientific Working Group [spring]
Quantico, Virginia |
| 2006 International Association for Identification
Pacific Northwest Division IAI
42 nd Educational Training Conference
Boise, Idaho | 2007 Forensic Shooting Scene Reconstruction Course
Lucian & Michael Haag
Gunsite Training Facility
Paulden, Arizona |
| 2008 FBI Advanced Bloodstain Pattern Analysis
Scientific Working Group [spring]
Quantico, Virginia | 2008 Beretta Factory Armorer Training
Beretta Law Enforcement & Defense Group
Accokeek, Maryland |
| 2008 Thermo Fisher Scientific Webinar
Analytical Chemistry using FTIR
Madison Wisconsin | 2008 FBI Advance Bloodstain Pattern Analysis
Scientific Working Group [fall]
Quantico, Virginia |
| 2009 Advanced Bloodstain Pattern Analysis
Scientific Working Group [spring]
Midwest Forensics Resource Center
Salt Lake City, Utah | 2009 Midwest Forensics Resource Center
Bloodstain Pattern Symposium
Ames Laboratory
Ames, Iowa |

Continuing Investigative Training

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| 1985 King County ME & SD
Victim Identification in Serial Homicides
Seattle, Washington | 1990 AAFS & Federal Bureau of Investigation
Criminal Investigative Analysis
Cincinnati, Ohio |
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| 1991 FBI Academy
Expert Systems in Law Enforcement
Quantico, Virginia | 1991 IC/LEESA & Tampa Police Department
Applying Logic to Law Enforcement
Tampa, Florida |
| 1992 Hendon Metropolitan Police Training
Training School - Terrorist Bombings
London, England | 1993 AAFS Continuing Education
Aircraft Accident Investigation
Boston, Massachusetts |
| 1994 AAFS Continuing Education
Multidisciplinary Investigations
San Antonio, Texas | 1994 Southeast Regional Crime Squad
Regional Squads of England & Wales
Luton, England |
| 2000 University of North Texas Police Academy
Officer Involved Shootings
Denton, Texas | 2001 ABMDI Performance Review
Pierce County Medical Examiner
Tacoma, Washington |
| 2002 Defense Investigators Conference
Washington Defenders Association
Conference, Ocean Shores Washington | 2003 Competency of Forensic Professionals
Forensic Sciences Service, UK
Chicago, Illinois |
| 2003 Tactical Considerations in Fighting Terrorism
National Disaster Medical System Conference
[Fire Investigation & Thermal Injuries]
Reno Nevada | |

Honors

Phi Beta Kappa
Woodrow Wilson Fellow
Rockefeller Fellow
1994 Senior Research Fellow, Department of Forensic Medicine, Guy's Hospital, London
1994 Meritorious Service Award, American Academy of Forensic Sciences
Marquis Who's Who in Science & Engineering [Reviewed]
Marquis Who's Who in the West [Reviewed]
Marquis Who's Who [Reviewed]
Manchester Who's Who [Reviewed]
Listed expert, passing AMBEST's Forensic Practice Background Investigation [Reviewed]
Premier Who's Who Registry [Awarded]
Exemplary Service Award, Metropolitan Police, by Det. Inspector K.P. Gallagher, SO11
Founding Member, Department of Homeland Security

Personal Statement

I am the son of an artist and a physician. When I entered college, I wanted to know how a physician could observe a patient, x-ray, or lab test, explain the malady, and prescribe a treatment. I found that philosophers addressed these methodological issues, not biologists in undergraduate premedical programs. I majored in philosophy to learn how to think, and, because I found that artists' best taught the skills of careful observation so central to science, I also majored in studio art. Both skills - thinking and observing - provide a solid foundation for my graduate and post-graduate work in forensic science and forensic medicine. Death investigation suited my life-long interest in the puzzles of medical diagnosis and my eventual disinterest in practicing clinical medicine. I found my niche both as a professor and medical investigator, focusing on forensic science and forensic medicine. As an independent consultant in forensic

science and forensic medicine with *Final Analysis Forensics*, I apply logic and science in the service of justice.

[Additional information about Dr. Nordby's career can be found in his first book, *Dead Reckoning: The Art of Forensic Detection*, CRC Press, 1999 and in his second book, *Forensic Science: An Introduction to Scientific and Investigative Techniques*, edition 1, 2002; edition 2, 2005; edition 3, 2009]

Final Analysis Forensics - Client Base

- Department of Defense
- Individuals & families [under special circumstances *only*]
- Police and Sheriff's Departments
- Private Attorneys
- Prosecutors' Offices [also through Law Enforcement Services]
- Public Defenders' Offices
- United States Congress – House Armed Services Committee
- Washington State Attorney General's Office – provide investigator training
- Washington State Association of Coroners and Medical Examiners – provide crime scene medical training

References and Courtroom Data are available upon specific request.