

**Personal**

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Date of birth: November 10, 1966  
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**Education**

1983 - 1988 Technical School for Laboratory Education (MLO): analytical chemistry  
1988 - 1989 Military Service: Special Forces (green berets)  
1993 - 1999 Rotterdam University: biochemistry  
2001 - 2002 Understudy Program Bloodstain Pattern Analyst (Ontario Provincial Police, Canada)

**Working experience**

1989 - 1990 Centocor Leiden, production of monoclonal antibodies  
1990 Service Inspection Environment Rijnmond, department of calibration  
1990 - 1991 Forensic Laboratory, department of Serology  
1992 Government Management Bureau, medical laboratory  
1992 - 1993 Bols-Benelux quality control  
1993 - 2005 Netherlands Forensic Institute, department of Biology  
2005 Independent Forensic Services, Director DNA

**Bloodstain Pattern Analysis training**

1999

- Course Bloodstain Pattern Analysis, Forensic Science Service, Rijswijk

2000

- Course Chemical treatment and fluorescent techniques in trace evidence recovery
- Summer Institute of Forensic Sciences, Ottawa, Canada
- Basic course in Bloodstain Pattern Analysis, Institute for Criminalistics and Criminal Investigation Sciences, Zutphen, The Netherlands

2001

- Basic Bloodstain Pattern Recognition Course, Canadian Police College (CPC)
- Advanced Bloodstain Pattern Analysis and Expert Witness workshop, Miami-Dade Police Department Training Bureau, Miami, USA
- Advanced Bloodstain Pattern Analysis, Institute for Criminalistics and Criminal Investigation Sciences, Zutphen, The Netherlands
- "Math and Physics" as it Pertains to Bloodstains Pattern Analysis, Royal Canadian Mounted Police (RCMP), Edmonton, Canada
- Bloodstain patterns training and use of back tracks, Ontario Provincial Police (OPC) Canada

2002

- Exam Understudy Program at the Ontario Provincial Police, Barry, Canada

**Forensic experience****At the Netherlands Forensic Institute**

- Typing of blood group and protein markers
- Trace recovery
- Coordinated complex and high profile cases
- Set up cold case project
- Trace recovery on bodies
- Luminol project
- Crime scene investigations
- Bloodstain pattern Analysis

**Forensic experience *continued*****At Independent Forensic Services (starting in 2005)**

- DNA trace recovery
- DNA extraction biological samples
- PCR of biological samples
- DNA electrophoresis of biological samples
- DNA analysis of biological samples
- DNA reporting on complex mixtures
- Bloodstain Pattern Analysis
- Crime scene investigations
- Crime scene reconstruction

**Attended conferences, symposia and seminars**

- 1999
  - Conference of the German DNA Profiling group (GEDNAP), Jena, Germany, February
  - Conference of International Association of Forensic Sciences, Los Angeles, USA, August
- 2000
  - Millennium Meeting of the International Organization of Forensic Odonto-stomatology (IOFOS), Leuven, Belgium, July
  - Conference of the International Association of Bloodstain Pattern Analysis, USA, October
- 2001
  - Cross Channel Conference of the International Forensic Medical Society, The Hague, April
  - International Association of Bloodstain Pattern Analysis meeting, Tucson, USA, October
- 2002
  - International Association of Forensic Sciences meeting, Montpellier, France, September
  - International Association of Bloodstain Pattern Analysts meeting, Harrisburg, USA, October
  - Forensic Science Society conference, Glasgow, Scotland, November
- 2003
  - Forensic Science Society conference, Oxford, UK, March
  - Scientific Working Group on Bloodstain Pattern Analysis meeting (FBI), St. Louis, USA, March
  - Forensic Science Society conference, Leicester, UK, July
  - International Homicide Investigators Association, Las Vegas, USA, September
  - European Academy of Forensic Science meeting, Istanbul, Turkey, September
  - Annual meeting of crime scene managers, Tulliallen, Scotland, October
  - Scientific Working group on Bloodstain Pattern Analysis meeting (FBI), Quantico, USA, November
- 2004
  - Scientific Working Group on Bloodstain Pattern Analysis meeting (FBI), Quantico, USA, April
  - Forensic Science Society, Forensic Evidence Evaluation, London, UK, July 15
  - International Homicide Investigators Association Meeting, Clearwater, USA, August
  - Symposium on the occasion of 10 year Forensic Laboratory DNA Research, From HLADQ-a to Y-SNP Snapshot, Leids University Medical Centre, Leiden, December 8
- 2005
  - Scientific Working Group on Bloodstain Pattern Analysis meeting (FBI), Quantico, USA, April
  - 1st International Human Identification E-Symposium, April 14
  - Forensic Science Society, Forensic Evidence Evaluation FSS, Leeds April 22-24
  - "FEARID" conference on ear identification, Leiden, May 12
  - "Workshop on DNA Forensics from Qiagen" Brussels, June 16



**Attended conferences, symposia and seminars *continued***

- Graduation symposium “Criminalistic Investigator” on Time of Death, Amsterdam Police, September 16
  - Meeting IHIA Netherlands, case presentations October 5
  - Conference “Blood Spatter The good, the bad and the very, very strange”, Warwickshire, UK, 7-9 October
  - Scientific Working Group on Bloodstain Pattern Analysis meeting (FBI), Quantico, USA, November
- 2006
- Training meeting of International Association of Bloodstain Pattern Analysts, Middelburg, February 15-17
  - “Classroom to Courtroom” 18th international symposium on the forensic sciences, Australian April 2-7
  - Meeting Home Office Registered Pathologists Thames Valley London, UK, August
  - Scientific Working Group on Bloodstain Pattern Analysis meeting (FBI), Quantico, USA, November
- 2007
- Scientific Working Group on Bloodstain Pattern Analysis meeting (FBI), Quantico, USA, April
  - Meeting Home Office Registered Pathologists Thames Valley London, UK, September
  - Working visits to the National Injuries Database at the National Crime and Operations Faculty at Bramshill, UK, September
  - Meeting forensic expert database, Den Haag, September 13
- 2008
- “Virtopsy” course, Bern, Switzerland, March
  - Scientific Working Group on Bloodstain Pattern Analysis meeting (FBI), Quantico, USA, April
  - Office Attorney General, Denver, Colorado. USA, April
  - Scientific Working Group on Bloodstain Pattern Analysis meeting (FBI), Quantico, USA, April
- 2009
- Scientific Working Group on Bloodstain Pattern Analysis meeting, Salt lake City, USA, April
  - Day for Criminal Judges, panel member, May 11, Utrecht
  - An evaluation of STR multiplexes for Europe, Promega, April 9
- 2010
- American Academy of Forensic Sciences, Seattle, USA 23 February - 27 February
  - Symposium Kerkebosch on Forensic Technical Investigation and Court proceedings, Utrecht, The Netherlands, March 23
- 2012
- Meeting International Homicide Investigators Association, July 31- August 5, Washington DC
- 2013
- STRmix US training workshop (statistics for complex DNA mixtures), Amendale, MD, USA, December 2 – December 6
- 2014
- 9th International Conference on Forensic Inference and Statistics, Leiden, The Netherlands, August 19 – August 22
- 2015
- Genotyping and Real-Time Genotyping, Hulshorst, training given by Life Technologies
- 2016
- Toxicogenomics and Systems toxicology, Leiden, The Netherlands, February 29 - March 4
  - Four Corner Forensics Seminar, Durango, May 6
  - Toxicogenomics and Systems toxicology, Leiden, The Netherlands
  - Conference on pharmacogenomics, Rochester MIN US, October

**Presentations and lectures given**

1999

- “Luminol am Tatort” Conference of the German DNA Profiling group, Jena Germany, February
- “Luminol Revisited” congress International Association of Forensic Sciences, L.A., August

2000

- “Impossible Traces”, Cross Channel Conference, The Hague, April
- “Securing Traces in Cold Cases”, Criminal Investigation days Zutphen
- “Impossible traces”, Criminal Investigation days Apeldoorn
- “Impossible Traces” and “hypersensitive DNA-analysis”, Indonesian pathologists, Rijswijk

2001

- “Netherlands Forensic Institute on the crime scene”, autumn conference of the Board of Chief Commissioners, Noordwijk, November 29<sup>th</sup>

2002

- “The body in two pieces”, court of justice Zwolle, February 26th
- “Impossible traces”, Forensic Medical Society, Utrecht, April 12th
- “Traces on the body”, Boerhaave Committee, Leids University Medical Centre, Leiden, May 1
- “Impossible traces” and “criminalistic value of traces”, International Homicide Investigator Association, Zoetermeer, May 29th
- “Impossible traces”, technical criminal investigation department Hollands Midden, Rijswijk, June 25th
- “Bloodstain Pattern Analysis in the Netherlands”, International Association of Forensic Sciences, Montpellier, September 5th
- “The Crucial Role of the Forensic Scientist in retrieving Objective and Incriminating Forensic Evidence from Corpora Delecti”, International Association of Forensic Sciences, Montpellier, September 6th
- “Bloodstain Pattern Analysis in the Netherlands” meeting of the International Association of Bloodstain Pattern Analysts, Harrisburgh, October 4th
- “Bloodstain Pattern Analysis in the Netherlands”, Forensic Science Society conference, Glasgow, November 2<sup>nd</sup>

2003

- “Criminalistic value of biological traces on the crime scene”. Scientific day police Hollands midden, Noordwijkerhout, January 22nd
- “Bloodstain Pattern Analysis in Perspective: The need for proper training”. Oxford, March 20th
- “Biological trace investigation”. Masters training of the University of Leiden and Delft, Rijswijk, April 14th
- “Criminalistic trace recovery on the department of Biology”, Netherlands Forensic Institute Rijswijk, May 20<sup>th</sup>
- “The Netherlands Forensic Institute on the crime scene”, Criminal Investigation seminar in Zutphen, May 26<sup>th</sup>
- “Bloodstain Pattern Evidence in court”, Criminal Investigation Days, Zutphen, May 26<sup>th</sup>
- “Bloodstain patterns on the clothes of Edgar S.”, Court of appeal Den Bosch, June 25<sup>th</sup>
- “The role of the forensic scientist on the scene of the crime” Forensic Science Society conference, Leicester, July 5<sup>th</sup>
- “The role of the forensic Scientist on the Scene of Crime”, “Cold Cases in the Netherlands” International Homicide Investigator Association meeting, Las Vegas, USA, September
- “Bloodstain pattern analysis in the Netherlands”, Criminal Investigation Department Flevoland, September
- “Bloodstain Pattern Analysis: the Professional approach”, European Academy of Forensic Sciences meeting, Istanbul, Turkey, September
- “The role of the forensic Scientist on the Scene of the Crime”, Annual meeting of crime scene managers, Tulliallen, Scotland, October
- “From securing to criminalistic trace recovery” Foundation Study Centre Judicature, Zutphen, June 6<sup>th</sup>, 2002, September 24<sup>th</sup>, 2002, February 11<sup>th</sup>, 2003, and September 29<sup>th</sup>, 2003

**Presentations and lectures given *continued***

- 2004
- “Bloodstain pattern analysis and recovery of biological traces in accordance with the Deventer murder case”, Court of appeal Den Bosch, January 26<sup>th</sup>
  - “Impossible traces” and “criminalistics and traces”, Foundation Study Centre Judicature, Rijswijk, November 21<sup>th</sup>, 2001, January 9<sup>th</sup>, 2002, February 2002, April 3<sup>th</sup>, 2002, June 5<sup>th</sup>, 2002, June 16<sup>th</sup>, 2002, January 8<sup>th</sup>, 2003, April 2<sup>nd</sup>, 2003, October 1<sup>st</sup>, 2003, November 2<sup>nd</sup>, 2003, December 10<sup>th</sup>, 2003, February 11<sup>th</sup>, 2004 and March 10<sup>th</sup>, 2004
  - “Criminalistics” Foundation Study Centre Judicature, Rijswijk, April 20<sup>th</sup>
  - “Biological trace recovery in the Deventer murder case” Police academy, Zutphen, May 18<sup>th</sup>
  - “Forensic awareness”, Police academy, Rotterdam, June 4<sup>th</sup>
  - “How to make evidence evident” International Homicide Investigator Association Conference, Clearwater, USA, August 6<sup>th</sup>
  - “Biological traces and DNA recovery” Police academy, Zutphen, 4<sup>th</sup> and 5<sup>th</sup> October
  - “Biological trace recovery in the Deventer murder case” International Homicide Investigator Association, Zutphen, October 6<sup>th</sup>
  - “Forensic awareness”, Police academy, Zutphen, October 7<sup>th</sup>, 2004, November 23<sup>rd</sup>, 2004, November 26<sup>th</sup>, 2004, January 12<sup>th</sup>, 2005, February 28<sup>th</sup>, 2005, June 2<sup>th</sup>, 2005, September 13, 2005, September 15, 2005, September 23<sup>rd</sup>, 2005, January 10<sup>th</sup> 2006, March 7<sup>th</sup> 2006, June 6<sup>th</sup> and 13<sup>th</sup> 2006, September 12<sup>th</sup>, 15<sup>th</sup>, 22<sup>nd</sup> 2006, December 5<sup>th</sup> 2006, March 15<sup>th</sup> 2007, June 12<sup>th</sup> 2007, September 12<sup>th</sup> 2007, October 2<sup>nd</sup>, 5<sup>th</sup>, 9<sup>th</sup> 2007, November 2<sup>nd</sup> and 6<sup>th</sup>, February 5<sup>th</sup> and 12<sup>th</sup>, April 15<sup>th</sup> 18<sup>th</sup>, and 24<sup>th</sup>, July 8<sup>th</sup>, 2008
  - “Deventer murder case”, higher criminal investigation, Police Academy, Apeldoorn, December 3<sup>rd</sup>
  - “Complex DNA-recovery” employees court Roermond, December 13<sup>th</sup>
- 2005
- College of Forensic Sciences, Law Faculty, University of Leiden, March 14<sup>th</sup>
  - “Biological trace recovery in complex cases” Guatemalan police and justice, April 19<sup>th</sup>
  - “Second opinion investigation” defence lawyers, Utrecht, April 26<sup>th</sup>
  - “Second opinion investigation” defence lawyers, Amsterdam, August 26<sup>th</sup>
  - “Second opinion investigation” defence lawyers, The Hague, September 2<sup>nd</sup>
  - Meeting IHIA Dutch Chapter, Case presentations, October 5<sup>th</sup>
  - “Bloodstain Pattern Analysis in Complex Cases,” Conference “Blood Spatter The good, the bad and the very, very strange” Warwickshire, October 8<sup>th</sup>
  - “Complex Trace Recovery and Bloodstain Pattern Analysis” College of Forensic Sciences, University of Leiden, March 14<sup>th</sup>
- 2006
- “Complex forensisch onderzoek”, Police Twente, Oldenzaal, February 6<sup>th</sup>
  - “The whole is more than the sum of the parts” meeting of International Association of Bloodstain Pattern Analysts, Middelburg, February 17<sup>th</sup>
  - “The pieces of the puzzle: the role of the forensic scientist” Key note speaker 18<sup>th</sup> international symposium on the forensic sciences, Perth Australia, April 2<sup>nd</sup>
  - “CSI European style” Public meeting, Perth, Australia April 3<sup>rd</sup>
  - “Bloodstain evidence in perspective” University of Perth, April 7<sup>th</sup>
  - “Miscarriages of justice in the Netherlands”, Prosecutors and magistrates, Court Maastricht, May 29<sup>th</sup>
  - “CSI Lowlands” Lowland University, August 19<sup>th</sup>
  - “Forensic investigations by IFS” Public prosecution office, Amsterdam, September 14<sup>th</sup>
  - “DNA-profiling from skin cells using the Low Copy Number method” Boulder DA office, October 30<sup>th</sup>
  - “How to make evidence evident” Colorado Homicide Investigators Association, November 1<sup>st</sup>,
  - “Forensic training for Physicians” Amersfoort, November 30<sup>th</sup>
- 2007
- “Crime scene investigation: the truth and nothing but the truth”, Trent University, Peterborough, February 26<sup>th</sup>
  - “CSI Nunspeet: The real story”, Public lecture, Peterborough February 27<sup>th</sup>
  - “Deventer murder case unraveled” DA’s office Den Bosch, Eerbeek, April 18<sup>th</sup>
  - “Cases involving bloodstain patterns and DNA” University of Lausanne, April 20<sup>th</sup>
  - “CSI Nederland” the evening of the crime novel, Power of plots, Amsterdam, June 20<sup>th</sup>

**Presentations and lectures given *continued***

- “Biological trace recovery and DNA investigation in complex crimes”, Dutch Royal Police, Apeldoorn, July 19<sup>th</sup>
  - Several presentations during forensic training course for criminal lawyers organized by IFS, 31 August 31<sup>st</sup> September 1<sup>st</sup>
  - “Biological trace recovery and DNA investigation in sexual crimes, Warnsveld, September
  - “Forensic awareness” police academy, Elspeet October, November
  - “DNA-investigation in complex cases” Denver University, November
  - “Solving complex cases using autosomal and Y-chromosomal DNA” State Crime laboratory of Wyoming, November 27<sup>th</sup>
  - “Forensic DNA-investigation in Nederland”, Police Rotterdam DNA conference, December
- 2008
- Several presentations during forensic training course for criminal lawyers organized by IFS, Februa 15<sup>th</sup> en 16<sup>th</sup>
- 2009
- Lecture Forensic Sciences, Law Faculty, University of Leiden, February 25
  - “The Magistrate & the Expert”, Study Centre for Judges and DA’s, Zutphen, March 7
  - “Possibilities for DNA-investigation in the Jon Benet Ramsey homicide” Office Attorney General, Boulder, Colorado, USA, 7 April
  - “The Judge and the expert witness”, presentation for Judges and District Attorneys, Arnhem, April 25<sup>th</sup>
  - “Deventer murder case unraveled” Power of plots meeting, Amsterdam, June 3<sup>rd</sup>
  - Several presentations during forensic training course for criminal lawyers organized by IFS, September 19<sup>th</sup> and 20<sup>th</sup>
  - Presentation “DNA in complex crimes” District Attorney office in Breda, November 19<sup>th</sup>
- 2010
- Several presentations “The Judge and the expert witness”, for Judges and District Attorneys, January 13<sup>th</sup>, April 1<sup>st</sup>, June 24<sup>th</sup>, September 30<sup>th</sup>, November 25<sup>th</sup>
  - Several presentations on complex crime scenes for crime scene supervisors: February 6<sup>th</sup>, 13<sup>th</sup>, March 20<sup>th</sup>, April 15<sup>th</sup>, June 9<sup>th</sup>, November 10<sup>th</sup>
  - “Chemistry and Biological Trace recovery”, Royal Dutch Society of Chemistry, April 16<sup>th</sup>
  - Presentation for the National Belgian Police, May 18<sup>th</sup>, Antwerp, Belgian
  - Presentation on the University of Utrecht, June 25<sup>th</sup>
  - Presentation for the Dutch Royal Military Police, September 21<sup>st</sup>, Apeldoorn
  - Presentation on Touch DNA, Illinois University, October 28<sup>th</sup>, Springfield, USA
  - Presentation on the Tim Masters case, University of Denver, Tuesday November 3<sup>rd</sup>, Colorado, USA
  - Presentation for the Police on the “Day of the Investigation”, November 9<sup>th</sup>, Volendam
- 2011
- Several presentations during forensic training course for criminal lawyers organized by IFS, September 23<sup>rd</sup> and 24<sup>th</sup>
  - Presentation on the Tim Masters case, University of Denver, November, Colorado
- 2016
- Presentation Court Breda, September 29
  - Presentation DNA in the Tim Masters case, University of Denver, November 3, Colorado
  - Sosam meeting, presentation about reconstruction, Utrecht NL, November 9
  - IFS Soiree, presentation about reconstruction, De Meern NL, November 10
  - Organization of a one day course “forensic technical investigation for defense lawyers” and presenting during this course, Hulshorst, November 11



**Publications/working instructions**

1999

- “Luminol revisited” Graduation thesis, June
- “Luminol Revisited” Proceedings of the International Association of Forensic Sciences conference in Los Angeles, August, p44
- “Luminol revisited” in Modus

2002

- “Traces on the body”, in developments in forensic medicine, Leiden University Medical Centre
- “Complex trace recovery”, Criminal Investigation Magazine nr. 4 May, p28-30
- “Bloodstain Pattern Analysis in the Netherlands”, Journal of Forensic Medicine, Volume 45 p59 of the International Association of Forensic Sciences in Montpellier, September
- Evidence from Corpora Delicti”, Journal of Forensic Medicine, Volume 45 p274-275 International Association of Forensic Sciences, Montpellier, September 6
- “Bloodstain Pattern Analysis in the Netherlands”, Proceedings of the Forensic Science Society conference in Glasgow, November 2002
- Crime scene investigation protocol for the Netherlands Forensic Institute, November 2002

2003

- “Bloodstain Pattern Analysis in Perspective: the need for proper training” in Forensic Science Fact and Fiction, proceedings Forensic Science Society, March, p18
- “The Crucial Role of the Forensic Scientist in retrieving Objective and Incriminating Forensic Forensic Technical standard for the use of luminol, October
- “Criteria for trace recovery on the crime scene by the Netherlands Forensic Institute”
- “Bloodstain Pattern Analysis: The Professional approach” European Academy of Forensic Sciences meeting in Istanbul, Turkey, proceedings, September
- “The role of the scientist on the Scene of Crime” Proceedings International Homicide Investigators Association meeting in Las Vegas, August
- “Bloodstain Pattern Analysis in Perspective: The need for proper training”, Proceedings of the Forensic Science Society conference in Oxford, March
- “The role of the forensic scientist on the scene of crime” Proceedings of Forensic Science Society conference in Leicester, July
- “The role of the forensic Scientist on the Scene of Crime”, “Cold Cases in the Netherlands” Proceedings of the International Homicide Investigators Association meeting in Las Vegas, September
- “The role of the Forensic Scientist on the Scene of Crime”, Annual meeting of crime scene managers in Tulliallen, Scotland, October

2006

- “The pieces of the puzzle: the role of the forensic scientist” Handbook of 18<sup>th</sup> international symposium on the forensic sciences, Australia April

**Authorities visited**

- Laboratory of the Hessisches Landeskriminalamt, Wiesbaden, Germany
- Laboratory of the Bundeskriminalamt, Wiesbaden, Germany
- Forensic laboratory, Chicago, USA
- Technical Criminal Investigation Bureau, Chicago, USA
- Forensic laboratory, Toronto, Canada
- Forensic laboratory, Ottawa, Canada
- Police college, Ottawa, Canada
- Miami Dade police, Miami, USA
- Ontario Provincial Police, Peterborough, Canada
- Court of Justice, Sudbury, North Ontario, Canada
- FBI training centre, Quantico, USA
- FBI laboratory, Washington DC, USA
- Forensic DNA laboratory, Strathclyde University, Glasgow, Scotland
- Forensic laboratory, Tucson, USA

**Authorities visited** *continued*

- Police laboratory, Vancouver, Canada
- Forensic Laboratory, Montreal, Canada
- Headquarters Ontario Provincial Police, Barry, Canada
- Ontario Police College, Ottawa, Canada
- National Crime and Operations Faculty, Bramshill, UK
- Laboratory for judicial pathology, Tampa, USA
- Court of Law, Tampa, USA
- Police college, Tulliallen, Scotland
- Lakeland Police, USA
- Prosecutors Office, Florida, USA
- Laboratory of the Forensic Science Service, London, UK
- University of Perth, Forensic department
- Prosecutors Office, Boulder, USA
- Investigation facilities of Final Analysis (dr. J. Norby)
- DNA-department Trent University, Peterborough Canada
- FBI laboratory, Quantico, USA
- University of Lausanne Forensic department, Switzerland
- National Crime and Operations Faculty, Wyboston
- National Crime and Operations Faculty, Wyboston
- Denver University department of Biological Sciences
- State Crime Laboratory of Wyoming
- Colorado Bureau of Investigation
- National Laboratory Center, Bureau of Alcohol, Tobacco, Firearms and Explosives (USA)

**Court experience as expert witness in the field of biological traces, bloodstain pattern analysis and/or DNA**

1997

- Carlo Picornie Homicide, Court of Justice Haarlem

2002

- Nienke Kleiss Homicide, Court of Appeal The Hague, February 18th
- Putten Homicide case, Court of Appeal Leeuwarden, April 8th
- Homicide, strangulation Rotterdam at magistrate in Rotterdam, May 14th
- Homicide Gouda at magistrate in The Hague, July 15th
- Homicide Rotterdam at reconstruction by order of the magistrate, August 19th
- Homicide strangulation court of Rotterdam, Rotterdam, October 25th
- Homicide strangulation court of Rotterdam, Rotterdam, November 6th
- Disappearance of Angelique van Oss before the Court of Appeal Amsterdam on May 24
- Homicide/manslaughter Deventer (Netherlands Forensic Institute-case number: 2001.06.05.031) before the Court of Zwolle on February 26
- Homicide/manslaughter in Deventer (Netherlands Forensic Institute- case number: 2001.06.05.031) before the Court of Appeal in Arnhem on September 6
- Homicide Amsterdam, reconstruction by order of the magistrate, September 17th
- Homicide in Deventer (Netherlands Forensic Institute-case number 2001.06.05.031) for the court of appeal by order of the magistrate, October 10<sup>th</sup>
- Homicide/manslaughter Markantilaan (Netherlands Forensic Institute-case number 2002.04.02.018) at magistrate in Amsterdam, October 23<sup>rd</sup>
- Homicide/manslaughter Markantilaan (Netherlands Forensic Institute-case number: 2002.04.02.018) before the Court in Amsterdam, November 1<sup>st</sup>

2003

- Attempted manslaughter case against Suren A. (Netherlands Forensic Institute-case number: 2001.11.26.007) High Court Den Bosch, June 25<sup>th</sup>



**Court experience as expert witness in the field of biological traces, bloodstain pattern analysis and/or DNA** *continued*

- Attempted manslaughter case against Edgar S. (Netherlands Forensic Institute-case number: 2001.11.26.007) Court of Appeal Den Bosch, June 25<sup>th</sup>
  - Homicide (Netherlands Forensic Institute-case number 2003.06.10.041) by order of the magistrate at a reconstruction in Amsterdam, October 16<sup>th</sup>
  - Deventer Homicide case Court of Appeal Den Bosch, December 8<sup>th</sup>
- 2004
- Deventer murder case Court of Appeal Den Bosch, January 26
  - Homicide case against Robert B. court of Den Bosch, May 18<sup>th</sup>
  - Homicide case against Bert van E. Court of Appeal Den Bosch, May 26<sup>th</sup>
  - Homicide Varscha Mohansingh Court of Groningen, February 27<sup>th</sup>
  - Attempted manslaughter against Johan van der M. Court of Appeal Den Bosch, September 22
  - Homicide Varscha Mohansingh Court of Appeal Leeuwarden, October 1<sup>st</sup>
  - Homicide case against Robert B. Court of Den Bosch, September 24<sup>th</sup>
  - Homicide case against Robert B. Court of Den Bosch, December 16<sup>th</sup>
- 2005
- Homicide Leiden victim Wondergem, investigative judge, The Hague, January 19<sup>th</sup>
  - Double Homicide Sittard, High court Den Bosch, June 29<sup>th</sup>
  - Homicide/manslaughter case against Robert B. High Court of Den Bosch, September 27<sup>th</sup>
- 2006
- Homicide/manslaughter Mensouri Bellaaïoun, Court Rotterdam, January 24<sup>th</sup>
  - Homicide case against Robert B., High Court Den Bosch, March 16<sup>th</sup>
  - Homicide victim Donchoulesko, High Court Den Bosch March 24<sup>th</sup>
  - Homicide victims Dekkers and Mahabier, Court the Hague May 4<sup>th</sup>
  - Homicide P. Hettrick, Larimer County Court, Fort Collins, USA, November 6<sup>th</sup>
- 2007
- Homicide Dontchlesko, High court den Bosch March 27<sup>th</sup>
  - Homicide C. Overdijk, High court The Hague, April 13<sup>th</sup>
  - Double Homicide Mahabier and Dekker, Court The Hague, April 16<sup>th</sup>
  - Physical abuse case High Court Den Bosch, September 17<sup>th</sup>
  - Double homicide D. en R. Visser Court of Haarlem, October 25<sup>th</sup>
  - Serial rapist, Court The Hague, November 12<sup>th</sup>
  - Disappearance of Mrs. D. Rosiek, Court Amsterdam, November 13<sup>th</sup>
  - Double Homicide Mahabier and Dekker, Court The Hague, December 17<sup>th</sup>
- 2008
- Double Homicide Caliscan and Yildirim, Court in Alkmaar, April 21<sup>st</sup>, 2008 and High Court The Hague, March 17
  - Homicide Cremers, High court Den Bosch, October 1<sup>st</sup>
  - Serial rapist, High Court The Hague, November 3<sup>rd</sup>
- 2009
- Double homicide State vs Kennedy, Court of Colorado Springs, USA, January 9<sup>th</sup>
  - Serial rapist Stellingwerf, High Court The Hague, January 26<sup>th</sup>
  - Homicide Ata, High Court Arnhem, March 3<sup>rd</sup> and September 8<sup>th</sup>
  - Homicide 't Hooft, Court Den Bosch, March 16<sup>th</sup>
  - Homicide Putten Christel Ambrosius, Court Arnhem, May 25<sup>th</sup>, June 11<sup>th</sup>, 16<sup>th</sup>, 19<sup>th</sup>, 29<sup>th</sup>, July 8<sup>th</sup>
  - Homicide Braafhart, Court Middelburg, September 23<sup>rd</sup>
  - Homicide Rivers, Court Arnhem, September 29<sup>th</sup>
  - Rape Schriks, High Court Den Bosch, September 30<sup>th</sup>
  - Homicide Khan, Court Amsterdam, November 13<sup>th</sup>
- 2010
- Violent robbery Woudstra, Court Utrecht, February 2nd
  - Homicide Ata, High court Arnhem, February 2nd
  - Rape Schriks, High court Den Bosch, February 3rd
  - Homicide Kim Visser, High court Amsterdam, February 9th 2010
  - Homicide Koop, High court Arnhem, March 4th
  - Homicide Haster, High court Amsterdam, March 16<sup>th</sup>

**Court experience as an expert witness in the field of biological traces bloodstain pattern analysis and/or DNA *continued***

- Homicide, against Sousa, High court Arnhem, March 29<sup>th</sup>
  - Homicide, against Proveniers, High court Den Haag, April 27<sup>th</sup>
  - Homicide Toth, High court Den Haag, June 21<sup>st</sup>
  - Rape Schriks, High court Den Bosch, June 30<sup>th</sup>
- 2011
- Grand Jury Denver Peggy Hettrick homicide, Colorado, USA, March
  - Homicide against Casey Anthony, Orlando, Florida, USA, June
  - Homicide in the “Kluis” case, court Breda, June
  - Homicide against Engels, High court Arnhem, September
  - Homicide in the “Kevelham” case, court Almelo, September
  - Attempted homicide against the Wilsons, Court of Arapaho County, Colorado, USA, October
- 2012
- Double homicide Spijkenisse, against Kamel and Koca, High court The Hague, September
  - Homicide against Velthuis, court Almelo, September
  - Homicide against Velthuis, court Almelo, December
  - Homicide Zwietering, High Court Arnhem, December
- 2013
- Homicide against Ucar, court Den Bosch, February
  - Homicide Leeuwen, court Almelo, March 12<sup>th</sup>
  - Daubert hearing Triple homicide David Camm case, Rockport, Indiana, July
  - Triple homicide David Camm case, Lebanon Indiana, October 8<sup>th</sup> and 9<sup>th</sup>
- 2014
- Double homicide Tim Kennedy case, Colorado Springs, April 29<sup>th</sup>
  - Rape Fortson, Canon City, Colorado, USA, November 5<sup>th</sup>
- 2015
- Deposition hearing in the case Lopez Cervin, Chicago, USA, May 4<sup>th</sup>
  - Suicide John Bender, consultant for defence for hearing expert witnesses, San Issidro, Costa Rica, August
  - Homicide against Gleijm, High court The Hague, August
  - Homicide against Graef, court Den Bosch, November
- 2016
- Quadruple homicide against Zeigler (deathrow), Orlando Florida, March 31, 2016
  - Deposition hearing Roopnarine, April
  - Homicide against Graef, court Den Bosch, June
  - Homicide Larry Thompson, August
  - Rape Drake Ellis, August

**Case experience**

Trace recovery, DNA investigations, and/or photo interpretation in more than thousand cases among which:

**High profile cases:**

- Carlo Picornie (riots at Beverwijk)
- Marielle de Geus (Gouda)
- Serial killer Willem van E. (Groningen)
- Sascha Schenker (Groningen)
- Michaela Fatol (Groningen)
- Annelise Reinders (Groningen)
- Antoinette Bont (Groningen)
- Shirley Hererijgers (Groningen)
- Louis H. case (Amsterdam)
- Marianne Vaatstra (Friesland)
- Meindert Tjoelker (Friesland)
- Widow Wittenberg (Deventer murder case)
- Van Gogh (Amsterdam)



### **Case experience** *continued*

- Merrick Rogers Appeal case (Londen, UK)
- Serial killer Henk S. (Groningen, Utrecht)
- Puttense homicide, Crystel Ambrosius
- Deborah Rosiek
- Felicity Paget (Porthmouth, UK)
- Walsham case (Australia)
- Timothy Masters case (USA)
- Peggy Hettrick homicide (USA)
- Jon Benet Ramsey (USA)
- Sowarsh (USA)
- Tim Kennedy (USA)
- Angela Mischelle Lawless homicide (USA)
- Kristin O'Connel homicide (USA)
- Amanda Knox (USA)
- Casey Anthony (USA)
- Davic Camm (USA)
- Tom Zeigler (USA)

### **Cold cases:**

- Gemma van der Boom
- Andrea Luten
- Anne de Ruiter de Wildt (Groningen)
- Arthur Gurahoo (Utrecht)
- Jesica Richel
- Fitting-room Homicide Sandra van Raalten
- Annet van Rheen
- Bolhaar family (triple Homicide)
- Putten Homicide case, Crystel Ambrosius

### **Multiple homicide cases:**

- Quadruple homicide in Hilvarenbeek
- Triple homicide in Yugoslavian restaurant
- Quadruple homicide on Hells Angels in club Ester, Haarlem
- Double homicide (Scheveningen)
- Double homicide in Loosduinen (The Hague)
- Triple homicide in Dordrecht
- Triple homicide Slappendel in Rotterdam
- Double Homicide in Joure
- Double homicide in Lelystad
- Dover, 58 dead Chinese illegals
- Double homicide in Anjum
- Yugoslavia tribunal cases
- Double homicide Zwakhale, Sittard
- Double homicide Spijkenisse

### **Child homicide cases:**

- Felicita Oostdam (The Hague)
- Robin Boogers
- Kim Kerkow
- Sybine Jansons
- Nienke Kleiss (Schiedammerpark homicide)
- Maartje Pieck
- Rowena Rickers (Nulde case)
- Kumral bagsi
- Petertje van Oort
- Daartje (Groningen)



### **Case experience** *continued*

- Romy van Buuren
- Triple child homicide, Schiedam
- Mensouri Bellaouin
- Double child homicide R. en D.E. Visser, Amsterdam

### **Cases for Police departments in the US and Canada:**

- 081206 O'Connell - New York State Police, New York
- 090401 Lawless - Scott County Sheriff's Department, Missouri
- 090901 Edwards - Franklin County Sheriff's Office, Missouri
- 100705 - Lakewood Police Department, Colorado
- 100708 - Lakewood Police Department, Colorado
- 101005 - Lakewood Police Department, Colorado
- 110302 - Yavapai County Sheriff's Office, Arizona
- 111102 - Ontario Provincial Police
- 120202 - Nissen - Lyon County Sheriff's Department, Iowa
- 120503 - Lopez Cervin – City of Chicago Department of Law, Illinois
- 130301 - Ontario Provincial Police
- 130401 - Ontario Provincial Police
- 141202 - Clifton Police Department, New Jersey

### **Cases for Attorney General in the US:**

- 091102 Peggy Hettrick – Office of the Attorney General, Colorado
- 100902 Meisenbach – Office of the Attorney General, Nebraska

### **Homicides in:**

Great Britain, Scotland, USA, Thailand, Canada, Ecuador, Chile, Former Yugoslavia, Australia, Bangladesh and South Africa, Costa Rica, Armenia and Liberia

### **Supplemental**

- Court appointed witness in the Netherlands
- Specialization on trace recovery in complex cases
- Introduction of bloodstain evidence in homicide cases in the Dutch courts
- Project leader “Cold cases”, “luminol application on crime scenes” and “biological trace recovery on human bodies”
- Introduction of scientists of the Netherlands Forensic Institute on the scene of crime
- Development of training for co-workers of police and judicature in the field of bloodstain pattern analysis, criminalistics, complex biological traces, statistics, DNA and crime scene investigation
- Teaching on the police academy, judges and district attorneys
- Assisting second opinion autopsies
- Crime scene investigations
- January 2011: start of Independent Forensic Services LLC in Colorado, USA