

## CV - Summary

### **Bryan James Found BSc DipEd GradDipNeurosci PhD**

#### **Academic Qualifications**

- 1997            Doctor of Philosophy, La Trobe University. Thesis entitled ‘The Forensic Analysis of Behavioural Artefacts: Methodological and Analytical Approaches to Forensic Handwriting Science’.
- 1992            Graduate Diploma in Neurosciences, La Trobe University (specialising in human sensory and motor systems associated with handwriting production).
- 1988            Diploma in Education (Biology and Chemistry), Monash University.
- 1985            Bachelor of Science (Physiology and Biochemistry), Griffith University.

#### **Positions Held**

**Senior Forensic Officer**, Document Examination Unit, Documents and Digital Evidence Branch, Chemistry Division, Victoria Police Forensic Services Department (VPFSD)

Duties have included:

- \* Management of the Unit and its resources.
- \* Management of the examination of over 400 cases per annum.
- \* The examination of handwritten images, machine generated images and other aspects of documentary evidence.
- \* Management of quality and training systems.
- \* The preparation of laboratory reports and statements.
- \* The presentation of evidence to investigators and to the courts.

Since 1990 Dr Found has given evidence, and been accepted as an expert in this field, in the Family, Magistrates, County and Supreme courts of Victoria in both civil and criminal matters.

**Senior Research Fellow**, School of Human Biosciences, La Trobe University. Head of the Forensic Expertise Profiling Laboratory. Duties include:

- \* Undertaking research on the motor control of handwriting and its forensic applications.
- \* The design, manufacture, delivery and analysis of forensic signature and handwriting proficiency and validation studies. Participants have included forensic laboratories and experts in Australia, New Zealand, America, Canada and Europe.
- \* Supervision of graduate research projects. Currently Dr Found supervises three PhD by research students. All graduate students are also qualified Forensic Document Examiners.

**Director**, Signature & Handwriting Forensics Pty Ltd. This is a consultancy service to government departments, private companies and members of the legal fraternity.

## **Publications**

Dr Found is a leading researcher and author on forensic signature and handwriting comparison. The following is a list of articles in print and references to conference presentations.

### **Refereed Journal Articles, Full Conference Papers and Book Chapters**

Mohammed, L., Found, B., Caligiuri, M, Rogers, D. *Can Dynamic Features Be Used To Discriminate Between Genuine, Auto-Simulated, and Simulated Signatures?*- Journal of Forensic Sciences, in press.

Bird, C; Found, B; Ballantyne, K; Rogers, D. Forensic handwriting examiners' opinions on the process of production of disguised and simulated signatures, *Forensic Science International* 195 (2010) 103-107.

Bird, C; Found, B; Rogers, D. Forensic Handwriting Examiners' Skill in Distinguishing Between Natural and Disguised Handwriting Behaviours, *Journal of Forensic Sciences*, (Accepted Aug 2009).

The Forensic Examination of Handwritten Text and Signatures, *Wiley Encyclopaedia of Forensic Science* (2009) Allan Jamieson (Editor), Andre Moenssens (Co-Editor).

Dewhurst, T., Found, B. & Rogers, D. (2008). Are expert penmen better than lay people at producing simulations of a model signature? *Forensic Science International*, 180, 50-53.

Dyer, A.G., Found, B. & Rogers, D. (2008). An insight into forensic document examiner expertise for discriminating between forged and disguised signatures. *Journal of Forensic Sciences*, 53 (5), 1154-1159.

Found, B. & Rogers, D. (2008). The probative character of forensic handwriting examiners' identification and elimination opinions on questioned signatures. *Forensic Science International*, 178(1): 54-60.

Mohammed, L., Found, B. & Rogers, D. (2008). Frequency of signatures styles in San Diego County. *Journal of the American Society of Questioned Document Examiners*, 11 (1), 9-13.

Dewhurst, T., Found, B. & Rogers, D. (2007). The relationship between quantitatively modelled signature complexity levels and forensic document examiners' qualitative opinions on casework. *Journal of Forensic Document Examination*, 18, 21-40.

- Bird, C., Found, B. & Rogers, D. (2007). Forensic document examiners' opinions on process of production of disguised and simulated signatures. Proceedings of the 13th Biennial Conference of the International Graphonomics Society, 171-174.
- Dewhurst, T., Found, B. & Rogers, D. (2007). Are expert penmen better than lay people in producing simulations capable of avoiding detection by forensic document examiners? Proceedings of the 13th Biennial Conference of the International Graphonomics Society, 158-161.
- Found, B. & Rogers, D. (2007). The probative character of forensic document examiners' identification and elimination opinions on questioned signatures. Proceedings of the 13th Biennial Conference of the International Graphonomics Society, 175-178.
- Found, B. & Rogers, D. (2005). The relative strength of forensic document examiners' identification and elimination opinions on individuals' natural writings. Proceedings of the 12th Biennial Conference of the International Graphonomics Society, 157-161.
- Found, B. & Rogers, D. (2005). Problem types of questioned handwritten text for forensic document examiners. Proceedings of the 12th Biennial Conference of the International Graphonomics Society, 8-12.
- Dyer, A.G., Found, B. & Rogers, D. (2006). Visual attention and expertise for forensic signature analysis. *Journal of Forensic Sciences*, 51 (6), 1397-1404.
- Found, B. & Rogers, D.K. (2005). Investigating forensic document examiners' skill relating to opinions on photocopied signatures. *Science & Justice*, 45 (4), 199-206.
- Found, B. & Rogers, D. (2005). The relative strength of forensic document examiners' identification and elimination opinions on individuals' natural writings. Proceedings of the 12th Biennial Conference of the International Graphonomics Society, 157-161.
- Found, B. & Rogers, D. (2005). Problem types of questioned handwritten text for forensic document examiners. Proceedings of the 12th Biennial Conference of the International Graphonomics Society, 8-12.
- Found, B. & Rogers, D. (2003). The initial profiling trial of a program to characterise forensic handwriting examiners' skill. *Journal of the American Society of Questioned Document Examiners*, 6, 72-81.
- Dyer, A.G., Found, B. & Rogers, D. (Submitted). An insight into forensic document examiner expertise for discriminating between forged and disguised signatures. *Journal of Forensic Sciences*.
- Dyer, A.G., Found, B. & Rogers, D. (2006). Visual attention and expertise for forensic signature analysis. *Journal of Forensic Sciences*, 51 (6), 1397-1404.

- Sita, J., Found, B. & Rogers, D. (2002). Forensic handwriting examiners' expertise for signature comparison. *Journal of Forensic Sciences*, 47, 1117-1124.
- Found, B., Rogers, D., & Herkt, A. (2001). Comparison of document examiners' opinions on original and photocopied signatures. *Journal of Forensic Document Examination*, 14, 1-13.
- Found, B., Rogers, D., & Herkt, A. (2001). The skill of a group of forensic document examiners in expressing handwriting and signature authorship and production process opinions. *Journal of Forensic Document Examination*, 14, 15-30.
- Found, B., Sita, J. & Rogers, D. (1999). The development of a program for characterising forensic handwriting examiners' expertise: Signature examination pilot study. *Journal of Forensic Document Examination*, 12, 69-80.
- Sita, J., Found, B. & Rogers, D. (2004). A model using quantitative data for forensic signature identification. *Journal of Forensic Document Examination*, 16, 91-101.
- Sita, J., Found, B. & Rogers, D. (2004). A quantitative analysis of the spatial properties of questioned signatures and the relationship to forensic document examiners' opinions. *Journal of Forensic Document Examination*, 16, 77-89.
- Black, D., Found, B. & Rogers, D. (2003). The frequency of the occurrence of handwriting performance features used to predict whether questioned signatures are simulated. *Journal of Forensic Document Examination*, 15, 17-28.
- Sita, J.C., Rogers, D. & Found, B. (2003). A model using complexity classification, spatial score and line quality for forensic signature comparison. *Proceedings of the 11th Biennial Conference of the International Graphonomics Society*, 257-260.
- Sita, J.C., Rogers, D. & Found, B. (2003). Spatial comparison of questioned to specimen signatures using matrix analysis software. *Proceedings of the 11<sup>th</sup> Biennial Conference of the International Graphonomics Society*, 299-303.
- Haines, K., Phillips, J.G., Rogers, D. & Found, B. (2001). The ability to distinguish handwriting samples on the basis of writers' age and gender. *Journal of Forensic Document Examination*, 14, 31-51.
- Dick, D., Found, B. & Rogers, D. (2000). The forensic detection of deceptive behavior using handwriting movements. *Journal of Forensic Document Examination*, 13, 15-24
- Found, B. & Rogers, D. (1999). Documentation of forensic handwriting comparison and identification method: A modular approach. *Journal of Forensic Document Examination*, 12, 1 - 68.

- Found, B., Rogers, D., & Metz, H. (1999). The objective static analysis of spatial errors in simulations. *Journal of Forensic Document Examination*, 12, 81- 99.
- Found, B., Sita, J. & Rogers, D. (1999). Forensic handwriting examiners' expertise: Signature examinations. *Proceedings of the Ninth Biennial Conference of the International Graphonomics Society*, 209-212.
- Found, B. & Rogers, D. (1998). A consideration of the theoretical basis of forensic handwriting examination: The application of "Complexity Theory" to understanding the basis of handwriting identification. *International Journal of Forensic Document Examiners*, 4, 109 - 118.
- Found, B., Rogers, D., Rowe, V. & Dick, D. (1998). Statistical modelling of experts' perceptions of the ease of signature simulation. *Journal of Forensic Document Examination*, 11, 75 - 102.
- Found, B., Rogers, D. & Schmittat, R. (1998). 'Matrix Analysis': A technique to investigate the spatial properties of handwritten images. *Journal of Forensic Document Examination*, 11, 54 - 74.
- Found, B., Rogers, D. & Schmittat, R. (1997). Recovering dynamic information from static handwriting traces using angular differential software. *Journal of Questioned Document Examination*, 6, 17-38.
- Found, B. & Rogers, D. (1996). The forensic investigation of signature complexity. In M. Simner, G. Leedham & A. Thomassen (Eds.), *Handwriting and Drawing Research: Basic and Applied issues*, (pp. 483 - 492). Amsterdam: IOS Press.
- Rogers, D. & Found, B. (1996). The objective measurement of spatial invariance in handwriting. In M. Simner, G. Leedham & A. Thomassen (Eds.), *Handwriting and Drawing Research: Basic and Applied issues*, (pp. 3 - 13). Amsterdam: IOS Press.
- Found, B. & Rogers, D. (1995). Contemporary issues in forensic handwriting examination. A discussion of key issues in the wake of the Starzecpyzel decision. *Journal of Forensic Document Examination*, 8, 1-31.
- Found, B., Dick, D. & Rogers, D.K. (1994). The structure of forensic handwriting and signature comparisons. *Forensic Linguistics: International Journal of Speech Language and the Law*, 1, 183 - 196.
- Found, B., Rogers, D. & Schmittat, R. (1994). A computer program designed to compare the spatial elements of handwriting. *Forensic Science International*, 68, 195-203.

## Conference Abstracts

Mohammed, L., Found, B., Caligiuri, M., Rogers, D. *Can Dynamic Features Be Used To Discriminate Between Genuine, Auto-Simulated, and Simulated Signatures?* Presented at the 61st Annual Conference of the American Academy of Forensic Sciences, Denver, CO 2009

Mohammed, L., Found, B., Caligiuri, M., Rogers, D. *Pen Pressure as a Discriminating Feature between Genuine and Forged Signatures.* Presented at the International Graphonomics Society Conference, Dijon, France, September 2009

Bird, C; Found, B; Rogers, D (2009). Forensic Handwriting Examiners' Skill in Detecting Disguise Behaviour from Handwritten Text Samples, Presented at the Conference of the European Network of Forensic Handwriting Experts, Cracow, Poland.

Mohammed, L., Found, B., Caligiuri, M. and Rogers, D. *Can Dynamic Features Be Used To Discriminate Between Genuine, Auto-Simulated, and Simulated Signatures?* Presented at the 61st Annual Conference of the American Academy of Forensic Sciences, Denver, CO 2009

Bird, C; Found, B; Rogers, D (2008). Investigating the skill of Forensic Handwriting Examiners for determining text-based natural and disguised handwriting processes, Presented at the 19th International Symposium on the Forensic Sciences, Melbourne.

Mohammed, L., Found, B., Rogers, D. *Genuine and Disguised Signatures - An Empirical Approach* Presented at the 60th Annual Conference of the American Academy of Forensic Sciences, Washington, DC 2008

Bird, C; Found, B; Rogers, D (2007). Forensic Document Examiners' Opinions on the Process of Production of Disguised and Simulated Signatures, Proceedings of the 13th Conference of the International Graphonomics Society, Melbourne, 171 - 174.

- Dyer, A.G., Found, B., Sita, J. & Rogers, D. (2006). Eye movement evaluation of signature forgeries. In Proceedings of the Australasian Ophthalmic and Visual Sciences Meeting, December 2-4 John Curtin School of Medical Research, Australian National University.
- Rogers, D., Dyer, A.G., & Found, B. (2006). Eye movements and forensic handwriting analysis expertise. *Proceedings of the 4<sup>th</sup> European Academy of Forensic Science*, p.102.
- Dick, D., Lacy, K., Found, B. & Rogers, D. (2004). Handwriting speed: Experimental validation trial. *Proceedings of the 17<sup>th</sup> Australian and New Zealand Forensic Science Society International Symposium on the Forensic Sciences*, Wellington, New Zealand, 28 March-2 April, 2004.
- Phillips, J.G., Rogers, D. & Found, B. (2004). Expertise of forensic document examiners: A signal detection analysis. *31<sup>st</sup> Australasian Experimental Psychology Conference*, Dunedin, *Australian Journal of Psychology*, 56, p.132.
- Found, B. & Rogers, D. (2003). Characterising handwriting identification skill by assessing the probative value of grouped examiner opinions across handwriting types. *European Academy of Forensic Science, Triennial Meeting*, Istanbul, Turkey, 22-27 September, 2003.
- Found, B. & Rogers, D. (2003). The impact of forger practice on the validity of forensic document practitioners' opinions. *European Academy of Forensic Science, Triennial Meeting*, Istanbul, Turkey, 22-27 September, 2003.
- Found, B. & Rogers, D. (2002). The impact of forger practice on the validity of forensic document practitioners' opinions. *Proceedings of the 16th Australian and New Zealand Forensic Science Society International Symposium on the Forensic Sciences*, Canberra, 12-17 May.
- Found, B. & Rogers, D. (2000). Investigating proposed theoretical complexity relationships in forensic handwriting identification using specialists behaviour. *Proceedings of the CrimTrac15th International Symposium on the Forensic Sciences*, Gold Coast, Queensland, 5-10 March, 2000, pp. 143-144.
- Sita, J., Found, B. & Rogers, D. (2000). Validating forensic handwriting examiners' expertise: Signature examinations. *Proceedings of the CrimTrac15th International Symposium on the Forensic Sciences*, Gold Coast, Queensland, 5-10 March, 2000, p. 116-117.
- Rogers D., Found B., Joseph S., Ganas, J. & Sharfe G. (2003). An objective comparison of spatial characteristics between forged and genuine signatures using Matrix Analysis software. *European Academy of Forensic Science, Triennial Meeting*, Istanbul, Turkey 22-27 September, 2003.

- Found, B., Rogers, D., Rowe, V. & Dick, D. (1998). Statistical modelling of experts' perceptions of the ease of signature simulation. *Proceedings of the 14th International Symposium on the Forensic Sciences*, Adelaide, 12-16 October, 1998.
- Found, B. & Rogers, D. (1996). Matrix analysis of the spatial properties of handwritten images. *Proceedings of the 13th Australian and New Zealand Forensic Science Society International Symposium on the Forensic Sciences*, Sydney 9 -13 September.
- Found, B. & Rogers, D. (1996). Complexity theory as a rationale for forensic handwriting opinion. *Fifth European Conference for Police and Government Handwriting Experts*, The Hague, Netherlands, 13-15 November.
- Found, B. & Rogers, D. (1995). Investigation of signature complexity for forensic purposes. *Proceedings of the Seventh Biennial Conference of the International Graphonomics Society*, 52-53.
- Found, B., Rogers, D. & Schmittat, R. (1995). Techniques for overcoming difficulties taking objective spatial measurements from handwriting. *Proceedings of the Seventh Biennial Conference of the International Graphonomics Society*, 54-55.
- Rogers, D. & Found, B. (1995). The objective measurement of spatial invariance in handwriting. *Proceedings of the Seventh Biennial Conference of the International Graphonomics Society*, 132-133.
- Found, B., Rogers, D.K., Schmittat, R. & Metz, H. (1994). A computer technique for objectively selecting measurement points from handwriting. *Proceedings of the 12th Australian and New Zealand Forensic Science Society International Symposium on the Forensic Sciences*, Auckland, New Zealand, 21-25 November
- Metz, H., Found, B., Rogers, D.K., & Dick, D. (1994). Common methodology. *Proceedings of the 12th Australian and New Zealand Forensic Science Society International Symposium on the Forensic Sciences*, Auckland, New Zealand, 21-25 November.
- Found, B., Metz, H., Rogers, D.K., Schmittat, R., Black, D., Ganas, J. & Dick, D. (1994). An analysis of spatial errors in freehand simulations. *Proceedings of the 12th Australian and New Zealand Forensic Science Society International Symposium on the Forensic Sciences*, Auckland, New Zealand, 21-25 November.
- Found, B., Dick, D. & Rogers (1992). Signature formations: The artifacts of human movement. *The 11th Australian and New Zealand International Symposium on the Forensic Sciences*. Hobart 17-21.
- Found, B., Rogers, D. & Schmittat, R. (1992). A report on the development of a computer based analysis technique for the study of handwriting. *Proceedings of the*

*11th Australian and New Zealand International Symposium on the Forensic Sciences, Hobart, 17-21 August.*

Found, B., Rogers, D.K. & Schmittat, R. (1992). The effect of controlled pause insertions on motor programmes encoding skilled signature formations. *Proceedings of the 11th Australian and New Zealand International Symposium on the Forensic Sciences, Hobart, 17-21 August.*

Rogers, D., Found, B. & Morris, M. (1992). The accessing and utilisation of stored motor programmes for handwriting following stroke. *Proceedings of the Australian Physiological and Pharmacological Society*, 23, 230.

### **Books and the media**

References to Dr Found's work can be found on the internet and also appear in books including:

Huber, R. & Headrick, A. (1999). *Handwriting Identification: Facts and Fundamentals*, CRC Press, New York.

MODERN SCIENTIFIC EVIDENCE: THE LAW AND SCIENCE OF EXPERT TESTIMONY By: David L. Faigman, David H. Kaye, Michael J. Saks & Joseph Sanders.

A chapter dedicated to Dr Found's casework can be found in the book 'Written on the skin' by Liz Porter (MacMillan Australia, 2006).

Dr Found has been interviewed on numerous occasions both in radio and print media.

### **Development of method**

Since 1992 Dr Found and his colleagues have been involved in the development of behavioural theory and documented method for forensic handwriting examinations. This has culminated in the joint development and publication, of the first commonly subscribed to method in Australasian document examination history (Found, B. & Rogers, D. (Eds.), (1999). *Documentation of forensic handwriting comparison and identification method: A modular approach*. *Journal of Forensic Document Examination*, Volume 12, Fall). This methodology has been presented to the Scientific Working Group on document examination in the USA, and the European Network of Forensic Handwriting Experts (Europe).

### **University Specialist Lecturing Positions**

- \* Sessional Lecturer, Graduate Diploma in Orientation and Mobility, La Trobe University, Melbourne, Victoria (human sensory and motor systems).
- \* Sessional lecturer, Post Graduate Diploma in Forensic Science, La Trobe University (document and handwriting examination and interpretive evidence).
- \* Sessional Lecturer, Bachelor of Forensic Science, Deakin University, Victoria, (document and handwriting examination and interpretive evidence).
- \* Sessional lecturer, Certificate IV in Forensic Sciences, Swinburne University, Victoria (Handwriting examination).
- \* Sessional lecturer, Graduate Diploma in Forensic Odontology, Melbourne University, Victoria, (Interpretive evidence).

### **State, National and International Presentations**

Dr Found has lectured to specialists in state, national and international forums in forensic document examination which have included:

- \* Detective Training School (Victoria Police) since 1989.
- \* Bureau of Criminal Intelligence course (Victoria Police).
- \* Economic Crime course (Victoria Police).
- \* Investigators course (Victoria Police).
- \* Special Advisory Group meetings (Canberra 1997, Brisbane 1998 , Hobart 1999 , Gold Coast, 2000 and Adelaide, 2001 and numerous since).
- \* Specialist Forensic Handwriting Examination workshop, funded by the National Institute of Forensic Science (NIFS), in Melbourne, New South Wales, Queensland and Perth in 1995.
- \* Senior Managers of Australian and New Zealand Forensic Science Laboratories (SMANZFL) meeting in Western Australia in 1999.

Between 1996 and 2002 Dr Found was a guest lecturer on new theoretical and analytical approaches to forensic handwriting examination to government forensic laboratories in New Zealand , Hong Kong, Malaysia, the USA, England, Northern Ireland, Germany, The Netherlands and Israel.

Over the past 15 years Dr Found has delivered numerous specialist handwriting and document examination presentations to the Australian and New Zealand Forensic Science Society. These have included the Victorian, Queensland, New Zealand and Western Australian branches.

### **Specialist Seminars and Workshops conducted by Dr Found**

- \* Association of Forensic Document Examiners conference, Texas, USA in 1996 (2 day workshop on applied and theoretical issues in forensic handwriting examination).

- \* National Association of Document Examiners conference, Maryland, USA in 1996 (2 day workshop on applied and theoretical issues in forensic handwriting examination).
- \* The 5th European Conference for Police and Government Handwriting Experts, The Hague, The Netherlands, 1996 (Workshop on applied and theoretical issues in forensic handwriting examination).
- \* The New Zealand Police training program, Wellington, New Zealand, 1997 (2 day workshop on applied and theoretical issues in forensic handwriting examination).
- \* The 14th ANZFSS International Symposium on the Forensic Sciences, Adelaide, 1998 (2 day workshop on applied and theoretical issues in forensic handwriting examination).
- \* The Queensland Police training program, Brisbane, 1999, (2 day workshop on applied and theoretical issues in forensic handwriting examination).
- \* National Association of Document Examiners conference, El Paso, New Mexico, USA in 2000 (2 day workshop on applied and theoretical issues in forensic handwriting examination).
- \* The European Network of Forensic Handwriting Examiners conference, Cracow, Poland in 2000 (Workshop on applied and theoretical issues in forensic handwriting examination).
- \* Malaysia Government Chemistry Laboratory, 2001 (Workshop on applied and theoretical issues in forensic handwriting examination).
- \* The New Zealand Police, Wellington, New Zealand, 2001 (Analysis and preparation of a report regarding the profile of their expertise in forensic handwriting examination).
- \* Forensic Handwriting Expertise Skills Development Workshop (2 days), La Trobe University, Melbourne, 2001.
- \* Invited chairperson on Interpretative Evidence at the INPALMS conference, Melbourne, 2001.
- \* Association of Forensic Document Examiners conference, Phoenix, Arizona, USA, 2001, (2 day workshop on applied and theoretical issues in forensic handwriting examination).
- \* Invited Master Class presenter at the 16th ANZFSS International Symposium on the Forensic Sciences, Canberra, May 2002.
- \* Principal presenter at the Document Examination Expertise Development Workshop, May 2002 (3 day workshop on applied and theoretical issues in forensic document examination).
- \* Invited Workshop presenter at the 3rd European Academy of Forensic Sciences conference, Istanbul, Turkey, 2003.
- \* Invited Workshop presenter at American Society of Questioned Document Examiners conference, Baltimore, Maryland, USA, 2003.
- \* Invited Workshop presenter at the Association of Forensic Document Examiners and International Graphonomics Society meeting, Phoenix, Arizona, USA, 2003.
- \* Invited Workshop presenter at American Society of Questioned Document Examiners conference, Memphis, Tennessee, USA, 2004.

- \* Invited Workshop presenter at National Association of Document Examiners conference, Los Angeles, USA, 2004.
- \* Invited Workshop presenter at GFS conference, Heidelberg, Germany, 2004.
- \* Invited Plenary Lecturer and Master Class presenter at the 17th ANZFSS International Symposium on the Forensic Sciences, Wellington, New Zealand, 2004.
- \* National Workshop Presenter (Criminalistics and Documents Special Advisory Group 2004) titled 'Constructing a scientific paradigm for forensic handwriting identification evidence: The use of blind testing to characterise specialists' skills'. Workshops conducted in Western Australia, Adelaide, Melbourne, Sydney, Brisbane and Wellington (NZ).
- \* Invited workshop presenter at the Southern Association of Forensic Document Examiners meeting, Atlanta, Georgia, USA, 2005.
- \* Invited workshop presenter at the Association of Forensic Document Examiners, San Antonio, Texas, USA, 2005.
- \* Invited workshop presenter, Southern Association of Forensic Document Examiners meeting, Atlanta, Georgia, USA, 2006.
- \* Invited workshop presenter, Ottawa, Canada, 2006.
- \* Invited workshop presenter, European Academy of Forensic Science conference, Helsinki, Finland, 2006.
- \* Invited workshop presenter, New Zealand Police Document Examination Section, Wellington, New Zealand, 2006.
- \* Invited workshop presenter, South Australia Forensic Science, Adelaide, South Australia, 2006.
- \* Invited workshop presenter, Victoria Police Forensic Services Department, Melbourne, 2006.
- \* Invited workshop presenter at the National Association of Document Examiners conference, Tucson, Arizona, USA, 2007.
- \* Invited workshop presenter at the Canada Border Services Agency, Ottawa, Canada, 2007.
- \* Invited seminar presenter at the GFS conference, Salzburg, Austria, 2007.
- \* Invited seminar presenter, Financial Banking Ombudsman Office, Melbourne, 2009.
- \* Invited workshop presenter, European Network of Forensic Handwriting Experts, Krakow, Poland, 2009.
- \* Invited seminar presenter, State Revenue Office, Ballarat, 2010.
- \* Invited seminar presenter, State Revenue Office, Melbourne, 2010.
- \* Invited presenter, Critical issues in forensic science meeting, University of New South Wales, Sydney, 2010.
- \* Invited seminar presenter, Australian and New Zealand Forensic Science Society, Darwin, Australia, 2010.
- \* Invited workshop presenter, 4th International Conference of the Forensic Medicine Authority of Egypt, Cairo, 2010.
- \* Invited key-note presenter, Graffiti Forum, Brisbane, Queensland, 2010.

### **Awards received (1992 -2000)**

- \* The ANZFSS Medal for the most original scientific research at the 11th International Symposium on the Forensic Sciences, Hobart, in 1992. This medal is awarded for the research most likely to effect the direction of a forensic discipline in the future.
- \* The ESR Forensic Prize for the most innovative research at the 12th ANZFSS International Symposium on the Forensic Sciences in Auckland in 1994.
- \* The Independent Association of Questioned Document Examiners (USA) Presidents Award for 'Outstanding contribution to forensic science' in Honolulu, Hawaii, USA, in 1996.
- \* Both the Victorian and National ANZFSS competitive scholarships to attend the 13th ANZFSS International Symposium in Sydney in 1996.
- \* The ANZFSS Victorian branch competitive scholarships to attend the 14th International Symposium in Adelaide in 1998.
- \* An Honorary mention in the NIFS best peer reviewed publication in 1997.
- \* The Victoria Police Forensic Services Centre award for 'System Design Improvement' in 1999.
- \* An Honorary mention in the National Institute of Forensic Science (NIFS) best peer reviewed publication in 1999.
- \* 'Best Paper' award in the NIFS best peer reviewed publication in 1999.
- \* Two Honorary mentions in the NIFS best peer reviewed publication in 2000.

### **Professional Societies memberships and positions**

- \* Member of the Australian and New Zealand Forensic Science Society.
- \* President of the Victorian Branch of the ANZFSS (1997 – 2000 and 2003).
- \* Member of the International Graphonomics Society.
- \* Member of the American Society of Questioned Document Examiners.
- \* Member of the European Academy of Forensic Science
- \* Invited Editorial Board member (Journal of Questioned Document Examination (USA)), 1996 to present.
- \* Invited Editorial Board member (Journal of Forensic Document Examination (USA)), 1996 to present.