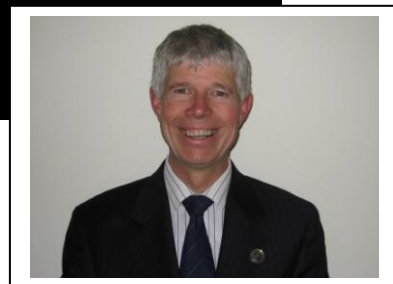


DAVID CHARLES CAPLE



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Occupation: Principal Consultant
(Health, Safety & Environment)

Qualifications:

- Bachelor of Science (Honours), Monash University 1974
- Diploma of Education (Secondary), Melbourne University 1975
- Master of Science (Ergonomics) Loughborough University, UK, 1976
- Member of UK and Australian Ergonomics Societies
- Fellow of UK Ergonomics Society
- Certified Professional Ergonomist USA
- Lead Auditor, OH & S (Quality Society Assurance)
- Adjunct Professor, Centre for Ergonomics & Human Factors, Faculty of Health Sciences, Latrobe University (Melbourne, Australia)
- Senior Research Fellow, School of Science & Engineering, University of Ballarat, Australia

Work Experience:

- 1976 - Mathematics teacher, Secondary Division, Victorian Education Department.
- 1978 - First Ergonomist for Victorian Education Department in Facilities Planning Division.
- 1982 - First Ergonomist for ICI Australia.
- 1984 – Present - Director of David Caple & Associates Pty Ltd.

Overseas Experience:

- Guest researcher Ergonomics Department for the Swedish National Board of Occupational Health & Safety – Stockholm 1980
- Guest researcher Human Factors Laboratory for Eastman Kodak – Rochester NY, USA 1981.
- Consultant to ICI - UK (Fibres Division)
- Consultant to ICI - UK (Paints)
- Consultant to Johnson & Johnson -New Jersey, USA.
- Consultant to Cheeseborough Ponds - Connecticut, USA.
- Consultant to Ergonomic Design Gruppen, Stockholm, Sweden.
- Project Advisor to LTS Engineering, Health & Safety Centre, Brunei, 1992/96.
- Advising strategy on OH & S to Vietnam Department of Industry, Hanoi, Vietnam 1993/94.
- Evaluating offshore OH & S facilities, Nova Scotia, Canada, 1993.
- Consultant to General Motors facilities Germany, Spain, Canada, 1995.
- Presenter to conferences in France, Sweden, Canada, Finland, UK, USA. Netherlands, South Korea, 1990 - 2003
- Technical adviser to USA Congress hearings Washington DC on MSD (musculo-skeletal disorders) 2000
- Technical Adviser to European Union, Brussels, on legislation models for MSD, 2000
- Australian delegate to International Ergonomics Association (IEA) in San Diego (2000), Florence, Italy (2001), Seoul, South Korea (2003). Madeira, Portugal (2004)
- OH&S consultant to China Light and Power, Hong Kong as part of a multi disciplinary team in 2001.
- Attendee at DuPont ergonomics program, Toronto, Canada, 2003

- Keynote speaker to ABERGO conference, Fortaleza, Brazil, 2004.
- Keynote speaker to “Future of OHS and Ergonomics” conference, University of Udanayna, Bali, Indonesia, 2006.
- Delegate to World Health Organisation meeting, Auckland, New Zealand, 2006.
- Keynote address, “Sustainability in Ergonomics” (ULAERGO2007), Bogota, Columbia, October 2007.
- Keynote address, “Ergonomics Contribution to Sustainable Agricultural Programs”, Agriculture Ergonomics Development Conference (AEDEC 2007), Kuala Lumpur, Malaysia November 2007.
- Keynote address, “Sustainable Development of Ergonomics”, Humanizing Work and Environment (HWWE2007), Bhopal, India, December 2007.
- Keynote address, “Ergonomics initiatives at an international level”, International Occupational Hygiene Association, Taipei, Taiwan, February, 2008
- Keynote address The 40th Nordic Ergonomics Society Annual Conference, Nordic Ergonomics Society conference, Reykjavik, Iceland, July 2008.
- Presenter of “Aircraft Refuelling manual handling” program for Shell Aviation in Gatwick, UK, Kuala Lumpur, Malaysia, Christchurch, New Zealand – May 2008
- Opening address to the Health Care Ergonomics and Patient Safety (HEPS) Conference, Strasbourg, France, July 2008
- Signatory to the “Seoul Declaration” at the ILO World OHS Summit, Seoul, Korea, 2008.
- Keynote speaker at (SEAS), south East Asian Ergonomics Society Conference, Bangkok, Thailand, October 2008.
 - Special Session by the IEA at the International Commission for Occupation Health “Participatory approach to developing ergonomics checkpoints”, K. Kogi and D. Caple: Cape Town, South Africa, March, 2009

PROFESSIONAL:

- Past Editor of "Ergonomics Australasia"
- Committee Member of Victorian Branch of Ergonomics Society of Australia.
- Standards Association Working Party on "Ergonomics in Industry".
- Presentation to PREMUS (Prevention of Musculo-Skeletal Injury) Conferences, , Stockholm, Sweden, 1993, Montreal, Canada, 1995, Amsterdam, 2001
- Lecturing, numerous University Post Graduate Courses.
- Convenor of Ergonomics Society of Australia Annual Conference 1998
- President - Ergonomics Society of Australia. 1998-2000
- Board member of the Ergonomics Society of Australia 1996 – 2002 and of the Human Factors and Ergonomic Society of Australia 2004 - 2006
- Australian delegate to International Ergonomics Association 2000-2006
- Independent member of Victorian Government OH & S Advisory Committee 2001 – 2006
- Judging panel member for WorkCover OH & S Awards 1999-2001.
- Australian Delegate to International Ergonomics Association Oslo, Norway 1980; Rochester, USA 1981; Paris, France 1993; San Diego, USA, 2000; Florence, Italy, 2001; Seoul, South Korea, 2003; Madera, Portugal,2004; San Diego, USA,2005. Maastricht, The Netherlands, 2006.
- Chairperson, International Development Committee, International Ergonomics Association, 2003 – 2006
- Executive Committee member, International Ergonomics Association, 2003 – 2006
- Member of WWCS Group for 7th International Conference on Work with Computing Systems, Kuala Lumpur, Malaysia - July 2004.
- Member of International Scientific Committee for 8th South East Asian Ergonomics Society Conference, Bali, Indonesia – May 2005
- Member of International Scientific Committee for 8th ODAM (Organisation Design and Management) conference, Maui, Hawaii, June 2005
- Committee Member for 2nd International Conference on Applied Ergonomics 2008, Las Vegas, USA.

- Member of the International Scientific Committee for the Cyberg online interactive conference, South Africa, 2005.
- International Advisory Board Member of “Ergonomia” Journal, Italy.
- Facilitator of Workshops on Ergonomics in Developing countries funded by the International Labour Organization, Bali, Indonesia, 2005; and Guhawati, India, 2005.
- President, International Ergonomics Association, 2006-2009
- Chair, International Advisory Committee, IEA Triennial Congress, Beijing, China 2009

PRESENTATIONS & PUBLICATIONS:

1. Armstrong, R., Caple, D & Curry, J. - "Development, Delivery and Evaluations of Practical Ergonomics Training courses for Engineers in the Automotive Manufacturing Industry". Proceedings of International Ergonomics Association conference. Paris, 1670-1672.
2. Bobjer, O & Caple, D - "Design strategies to prevent repetitive overuse injuries in hand and upper limbs". Submitted to "Human Factors" journal USA for publication.
3. Caple, D.C. - "Powered Handtools - Automotive Industry Applied Intervention Studies" Proceedings of Australian Ergonomics Society conference, 1991.
4. Caple, D.C. - "Meat Industry - Intervention Study of 100 Solutions". Proceedings of PREMUS musculo-skeletal injury conference, Stockholm, Sweden, 1992.
5. Caple, D.C. - "Design & Directions for Handtool Safety". Proceedings of PREMUS international conference, Montreal, Canada, 1995.
6. Caple, D.C. & Betts, N. - "R.S.I - Its Rise and Fall in Telecom Australia 1981-1991". Proceedings of International Ergonomics Association conference, Paris, 1991. P.1037-1039.
7. Caple, D.C. & Greig, J.A. - "Powered Handtools in Automotive Industry". Journal of Occupational Health and Safety - Australia and New Zealand 1993. 9(2) 161-166.
8. Caple, D.C. Greig, J.A., Cordingley, R. - "Introduction of OH & S into Natural Work Groups". Proceedings of Ergonomics Society of Australia, Sydney, 1994.
9. Caple, D.C., Greig, J.A., Cordingley, R. - "Influence of management restructuring on reduced injury reports". Proceedings of PREMUS international conference, Montreal, Canada, 1995.
10. Caple, D.C., Thomas, D. - "Suitability of ergonomic methodologies used to assess meat boning techniques". Proceedings of Ergonomics Society of Australia, Perth, 1993
11. Greig, J.A. - "Optical Microscope in the Research Laboratory - a field study". Proceedings of Australian Ergonomics Society conference, Melbourne, 1989.

12. Caple, D.C., Hodgson, R., Greig, J. - "Dissemination of OHS information to Australian industry". Proceedings of Australian Ergonomics Society conference, Canberra, 1996.
13. Caple, D.C. - "Do financial incentives achieve improvements in Occupational health and safety?". 2001- A Safe Odyssey conference, South Australian WorkCover Corporation, Adelaide, 1996.
14. Caple, D.C, Greig, J., Hodgson, R. "Dissemination of OHS information into small business", Journal of Occupational Health & Safety, Vol.13, No.2, April 1997.
15. Caple, D.C, Greig, J., Cordingley, R. "Ability of workplace teams to manage OHS: Report on Worksafe Project", Journal of Occupational Health & Safety. Vol 13. No. 3. June 1997.
16. Caple, D.C. "Ergonomics - the cost effective intervention" International Ergonomics Association Conference, Tampere, Finland 1997.
17. Caple, D.C. "Reduction in laceration injuries in meat workers through the introduction of cut resistant cotton gloves". 35th Annual Conference of The Ergonomics Society of Australia, Fremantle, October, 1999.
18. Caple, D.C., Kenningham, L. "Evaluation of Manual Handling Legislation" 35th Annual Conference of The Ergonomics Society of Australia, Fremantle, October, 1999.
19. Caple, D.C., Kenningham, L. "Evaluation of Manual Handling Legislation", International Ergonomics Association, San Diego, USA, July 2000.
20. Caple, D.C. "Effective reduction in workplace injuries through implementation of integrated OH & S management systems", International Ergonomics Association, San Diego, USA, July 2000.
21. Caple, D.C. "Reduction in laceration injuries in meat workers through introduction of cut resistant cotton gloves". International Ergonomics Association, San Diego, USA, July 2000.
22. Caple, D.C. "Reduction of occupational violence through architectural controls and work procedure", Journal of Occupational Health & Safety, Volume 16, Number 5, 2000.
23. Kushinsky, R., Caple D.C. "Manual Handling legislation: new developments and use of specialist techniques to assist workplaces to comply", 36th Annual Conference of the Ergonomics Society of Australia, Adelaide, October, 2000.
24. Lindgaard, G., Caple, D.C., "A case study in iterative keyboard design using participatory design techniques", Applied Ergonomics, Volume 32, Number 1, February, 2001.
25. Caple, D.C, " The 45 syndrome: Age and MSD incidence amongst meat workers", IEA 2003 Ergonomics in the Digital Age: Proceedings of the XVth Triennial Congress of the International Ergonomics Association and the 7th Joint Conference of Ergonomics Society of Korea/Japan Ergonomics Society, 24-29 August 2003, Seoul,

Korea.

26. Caple, D.C, "Call Centres – Ergonomic Issues", Working With Computing Systems conference, Kuala Lumpur, Malaysia, July, 2004.
27. African Newsletter on Occupational Health & Safety, Vol.15, No.1, April, 2005, Editorial "Ergonomics". Finnish Institute of Occupational Health.
28. Caple, D.C., "Manual Handling – Risk Control Issues" 41st Annual conference of The Human Factors and Ergonomics Society of Australia, Canberra, 2005.
29. Caple, D.C., "International development of ergonomics – an IEA perspective" Keynote address to the HWWE conference for the Indian Ergonomics Society, Guhawati, India, December,2005.
30. Caple, D.C., "Provision of free Consultancy to SME Workplaces to Improve OHS Performance", IEA Congress, Maastricht, The Netherlands, 2006
31. Caple, D.C. "The Use of Economic Subsidies For The Cost of Ergonomics Risk Controls", IEA Congress, Maastricht, The Netherlands, 2006.
32. Caple, D.C. "Ergonomics – Future Directions". Keynote address to the "Future of OHS & Ergonomics Conference", University of Udanayna, Bali, Indonesia, August 2006. Journal of Human Ergology, Vol.36 No.2. 2008.
33. Caple, D.C "Emerging challenges to the ergonomics domain", Special Edition 50th Anniversary, Journal Ergonomics, Taylor and Francis, 2007.
34. Caple, D.C. "Holistic approaches to the prevention of musculo skeletal disorders among call-center workers", Scandinavian Journal of Work Environment & Health, Suppl 2007, No.3. 81 – 84
35. Caple, D.C. "Sustainable Development of Ergonomics", ULAERGO Conference, Columbia, South America, 2007.
36. Caple, D.C. "Ergonomics contribution to sustainable agriculture programs", AEDeC Conference, Bhopal, India 2007.
37. Caple D.C. "Ergonomics is a Lifestyle", Nordic Ergonomics Society conference, Reykjavik, Iceland, 2008
38. Caple D.C "Promoting Ergonomics in South East Asia" , South East Asian Ergonomics Society conference, Bangkok, Thailand, 2008
39. Caple, D.C. "Sustainability of ergonomics in research and practice", Ron Cumming Lecture, , Human Factors & Ergonomics Society of Australia , Adelaide, Australia, 2008
40. Veitch, D, Caple, D, Blewett, V. "Sizing Up Australia: What use have Australian designers made of anthropometric data? Report to the Australian Safety Compensation Commission, Canberra, Australia, 2008.

MAJOR WORK ACTIVITIES:

- Director of Management consultancy, research and training projects in Health, Safety and Environment.
- Extensive experience in Automotive, Meat Processing, Steel, Petrochemical, Banking, Retail, Government & Communication Industries.
- Project Leader and researcher in Australian Government evaluations relating to:-
 - manual handling legislation (Australia, NSW and Victoria)
 - Dangerous Goods legislation (Vic)
 - OHS Management Systems (South Australia)
 - Dissemination of OHS information to small businesses (Australia)
 - Implementation Strategies for;
 - Back Injury prevention (NSW)
 - Lead exposure standards (Vic)
 - Working at Heights (Vic)
 - Bullying and Occupational Violence(Vic)
 - Occupational Stress (Vic)
- Technical adviser to :-
 - Telstra,
 - The Australian Department of Defence, in developing Accommodation Guidelines for new office environment. Both are now used as industry Standards in Australia since 1996/97.
- Technical consultant to General Motors Holden (Australia) Ltd and mentor in overseas benchmarking studies.
- Conducted joint training initiatives with all major automotive manufacturers in Australia, and their Unions.
- Managed OHS audits and training to iron ore mining operations for BHP in Pilbara region of West Australia, steel making in NSW, South Australia and Victoria, manganese smelting in Tasmania and offshore gas and oil platforms, Bass Strait.

- Leader of a variety of research projects in the OHS evaluation of meat processing in Australian abattoirs for Australian Meat Research Corporation.
- Developed offshore safety training centre in Seria, Brunei with LTS Engineering to service Brunei Shell and Government clients.
- Technical adviser to NSW Government on the development of their "BackWatch" program.
- Conducted independent evaluation of the Australian Manual Handling Standard for NOHSC (WorkSafe Australia), and also for NSW and Victorian Governments from 1996 – 2005..
- Leader of NOHSC (WorkSafe Australia) national studies into dissemination of OHS information into small business (1996) and in 2004 within the context of manual handling injury prevention.
- Conducted review with Kinhill Economics of:
 - Rehabilitation Provider Industry for WorkCover NSW (1997)
 - Safety Management Systems and financial bonuses for WorkCover (South Australia) (1996).
- Conducted review of OH&S management systems for
 - The Alfred Hospital, Melbourne,(1997)
 - Victorian Dept of Natural Resources and Environment (1998)
 - NSW Dept of Corrective Services (1988)
 - NSW Attorney General's Department (1999)
 - National Foods (2003)
- Provided expert advice to legal firms in all Australian states in relation to personal injury and public liability claims.
- Technical adviser to Ansett Australia on the redevelopment of the Sydney Airport, and Bovis Lend Lease in Sydney International airport (2000).
- Facilitator of industry wide risk management project in Corrective Services prisons in New South Wales (2002-2003). This was based at the Goulburn CS in NSW.

- Assisted in development of a major OH & S strategic plan for large Government Departments in NSW and Victoria.
- “MSD and Psycho-social Factors” conducted major research study for Victorian Government, 2002.
- Conducted extensive gap analysis studies of OH&S management systems for multi site workplaces across Australia 1998 – 2003.
- Facilitator of the Victorian Food Manufacturing Industry, Project FRESH, OHS Benchmarking project 2004-2006.
- Facilitator of a Work Cover Improvement project for the Live Entertainment industry in Victoria, 2005 – 2006.
- Facilitator of “Stress Prevention” workshops based on the Cox and Griffiths model (UK) for Department of Human Sciences and the Victorian WorkCover Authority.
- Advisor to the Victorian WorkCover Authority on OHS legislation development, 2006.
- Facilitator of industry wide projects involving employer associations, trade unions, and government in the dairy, painting, service stations and public housing sectors (2006-2009).
- OHS management systems reviews for Southern Health (Monash Medical Centre) and Ballarat Health, Victoria.

MAJOR NON- WORK ACTIVITIES:

- President, International Ergonomics Association.
- Member of various International Scientific Advisory Committees for conference management.
- Independent member of the OHS Advisory Committee in Victoria appointed by the Minister for WorkCover (2004 – 09)
- Independent member of HaSPA (Health & Safety Professional Associations) Victoria
- Board member of Ivanhoe Girls Grammar School
- Chairman of Coerwull Service Committee Inc., Ivanhoe Girls Grammar School
- Member of the Property Rationalization Committee for the Uniting Church of Australia – Heidelberg/ East Ivanhoe
- Volunteer to the Austin Hospital chapel
- Past President of the Ivanhoe Swimming club
- Past Secretary of the Ivanhoe Junior Football club
- Committee member for family historical home redevelopment.
- Various sports – running, hiking, swimming, snow skiing, biathlon.