

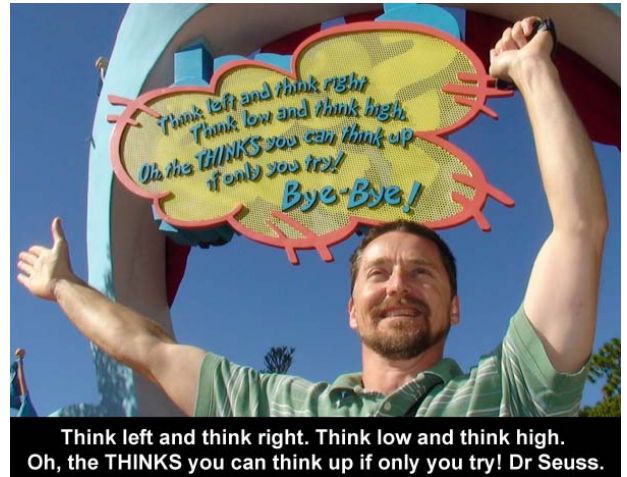
Dr Deon V CANYON

PhD MPH BScF DipBusAdm DipBusFrontlineMgt

- Senior Lecturer (fulltime)
Anton Breinl Centre, James Cook University
- Adjunct Senior Lecturer
School of Medicine, University of Western
Australia

Address for mail:

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Location: Perth, Australia

Experience

From 1994 to the present, Dr Canyon specialized at James Cook University in vector-host-environment interactions and vector control. However, from 2004, his research and teaching interests shifted to human behaviour and interactions as viewed from the field of health leadership and management during times of crisis.

Current research interests and projects

- Crisis leadership in health and emergency sectors in Australia, Papua New Guinea, Philippines and India
- Health service issues for migrants
- Crisis management auditing in health and allied health organisations
- Bioterrorism competencies for public health practitioners
- Bioterrorism elearning – interactive online case studies
- Ectoparasite transmission dynamics and human behaviour

Postgraduate subject/course coordination and teaching

- TM5563 Public Health Leadership and Crisis Management (1-week residential & distance)
- TM5514 Environmental Health (distance mode)
- TM5518 Medical Entomology (distance mode)
- TM5550 Environmental Health in Emergencies and Disasters (distance mode)
- TM5558 Public Health and Bioterrorism (distance mode)

Postgraduate guest lecturing

- TM5554 Theory and Practice of Public Health – climate change and crisis leadership

Awards

- Australian Postgraduate Award (1995-1998)
- Sidney Sax Medal (most outstanding MPH student 2005)

Research supervision

- IMED 4501 Research and Discovery - supervision of 8-15 medical students
- IMED 4502 Research and Discovery - supervision of 8-15 medical students
- Supervision of ~70 Public Health Masters research projects per annum
- Supervision of 3-15 UWA medical students in an annual research subject
- 1 PhD student completion

Recent grants

- 2006-2009 Research Support for Counter-Terrorism, Office of the Prime Minister and Cabinet. Online decision support tools for CBRN incidents. \$68,000.
- 2007 DEST RIBG. Building research capacity in crisis management. \$10,397.
- 2006-2007 Dept Health and Ageing, PHERP. Workforce planning models for rapid deployment of civilian disaster medical response teams. \$119,777.
- 2006-2007 PHERP. Dept Health and Aging. \$480,000.
- 2006 DEST RIBG. Public health and terrorism crises. \$7,060.

Professional affiliations

- FACTM Fellow of the Australian College of Tropical Medicine 2006-LIFE
- AFAIM Associate Fellow of the Australian Institute of Management 2007-
- AFACHSE Assoc Fellow of the Australian College of Health Service Executives 2007-

Publications

- Peer-reviewed journal articles 39 published, 1 in press, 2 submitted
- Book chapters and books 19 published, 5 in press
- Conference presentations and posters 20 published

Selected recent

1. Canyon DV. (2009) An assessment of bioterrorism competencies among public health professionals in Australia. *Emerging Health Threats Journal* (in press).
2. Canyon DV. (2008) Environmental change and human health case studies I. The Australasian College of Tropical Medicine, Red Hill Qld.
3. Tharumaratnam V and Canyon DV. (2008) Sustainable water from collector well systems and sustainable heat from ground-source energy systems in Sri Lanka. Ilxir Publishing Inc. Perth
4. Canyon DV. (2008) Historical analysis of the economic cost of dengue in Australia. *Journal of Vector Borne Diseases* 45:245-248.
5. Heukelbach J, Oliveira FA, Canyon DV, Muller R and Speare R. (2008) In vitro efficacy of over-the-counter botanical pediculicides in Australia and revision of mortality assessment standards. *Medical and Veterinary Entomology*. 22: 24-272.
6. Shaalan EA. and Canyon DV. (2008): Inconsequential study on larvicidal efficacy of anise and celery seed extracts indicates that standards in bioinsecticide screening are necessary. *Current Bioactive Compounds*. 4 (1): 33-35.
7. Parison J, Speare R, Canyon DV (2008) Uncovering family experiences with head lice: the difficulties of eradication. *The Open Dermatology Journal* 2: 9-17.
8. Canyon DV, Speare R, Aitken P, Leggat P, Melrose W, Robertson A and Hodge J. (2007) PROBE: Preparedness and Response - Online Bioterrorism Education. Foundation Knowledge Training. Ilxir Publishing Inc, Perth.
9. Canyon DV, Speare R, Smith P. (2009) PROBE: Preparedness and Response - Online Bioterrorism Education. Case Studies One and Two. Ilxir Publishing Inc, Perth.
10. Aitken P, Canyon DV, Hodge J, Leggat P, Speare R. (2005) Disaster Medical Assistance Teams: A Literature Review. Disaster Preparedness and Management Health Protection Group, Western Australia Department of Health. Anton Breinl Centre, James Cook University.