



**Directory of PPHSN Resources – 2010 Edition  
Allied Members**

**Organisation/Institution:** James Cook University

**PPHSN Contact(s)** Rick Speare

**(Name(s)):**

**Title/Position:** Professor / Director

**Postal Address:** Anton Breinl Centre for Public Health and Tropical Medicine, James Cook University, Townsville 4811, Queensland, Australia

**Phone:** -61-7-47815959

**Fax:** -61-7-47815254

**Email:** [Richard.speare@jcu.edu.au](mailto:Richard.speare@jcu.edu.au)

**Website:** [http://www.jcu.edu.au/phtMrs/staff/academic/JCUDEV\\_018362.html](http://www.jcu.edu.au/phtMrs/staff/academic/JCUDEV_018362.html)

**Area(s) of expertise in relation to communicable disease surveillance & response:** Teaching. In MPH and MPHTM at JCU I coordinate the subjects Communicable Disease Control, Infectious Diseases, Infection Control in Health Care Settings, Human Parasitology, Tropical Paediatrics, Clinical Tropical Paediatrics, Refugee Health. I have also taught communicable disease coordinators in Mpumalanga Province, South Africa (see Speare et al 2003).

Research. Control of parasitic diseases in tropical environments, control of ectoparasites, use of hookworms as a therapeutic tool, syndromic outbreak surveillance, zoonotic diseases, wildlife diseases, capacity building in research.

Combined veterinary and medical experience is valuable in zoonotic diseases, particularly EIDs

**Assistance or services you could offer to the PPHSN:** I am not a trained epidemiologist or infectious disease expert, but I have worked in control of communicable diseases of humans and animals for some time in terms of teaching and research.

**Publications:** Please see attached sheet.

*Last updated: March 2010*



## Directory of PPHSN Resources – 2010 Edition Allied Members

### Recent Publications of Rick Speare

Richard.speare@jcu.edu.au

March 2010

#### 2010

- Asenov A, Oliveira FA, **Speare R**, Liesenfeld O, Hengge UR, Heukelbach J. Efficacy of chemical and over-the-counter pediculicides available in Brazil, and off-label treatments against head lice *ex vivo*. *International Journal of Dermatology* 2010;49:324-330.
- Canyon DV, Heukelbach J, Shaalan E, **Speare R**. Piperonyl butoxide. Kucer The Use of Antibiotics 6<sup>th</sup> Ed. Eds. Grayson JM, Mccarthy J, Mouton J, Crowe S, Paterson D, Pfaller MA, Grayson L, Kucers A, Norrby R. Hodder Arnold:UK 2010 (in press). ISBN 9780340927670.
- Canyon D, **Speare R**. Head lice transmission and risk factors. In: Heukelbach J: Management and control of head lice infestations. UNI-MED Verlag AG, Bremen, London, Boston 2010; in press.
- Canyon D, **Speare R**, Heukelbach J. “Natural” treatments and home remedies. In: Heukelbach J: Management and control of head lice infestations. UNI-MED Verlag AG, Bremen, London, Boston. 2010 (in press).
- Canyon D, **Speare R**, Heukelbach J. Internet links and additional resources. In: Heukelbach J: Management and control of head lice infestations. UNI-MED Verlag AG, Bremen, London, Boston 2010 (in press).
- Heukelbach J, Canyon DV, Shaalan E, **Speare R**. Crotamiton. Kucer The Use of Antibiotics 6<sup>th</sup> Eds. Grayson JM, Mccarthy J, Mouton J, Crowe S, Paterson D, Pfaller MA, Grayson L, Kucers A, Norrby R. Hodder Arnold:UK 2010 (in press).
- Heukelbach J, **Speare R**. Control of head lice in developed market economies. UNI-MED Verlag AG, Bremen, London, Boston 2010 (in press).
- Heukelbach J, **Speare R**, Ramos AN. General considerations on treatments and treatment schemes. UNI-MED Verlag AG, Bremen, London, Boston. 2010 (in press).
- Heukelbach J, **Speare R**, Shaalan E, Canyon DV. Lindane. Kucer The Use of Antibiotics 6<sup>th</sup> Ed. 2010 (in press).
- Parison J, Canyon D, **Speare R**. Head lice and the impact of knowledge, attitudes and practices - a social science overview. In: Heukelbach J: Management and control of head lice infestations. UNI-MED Verlag AG, Bremen, London, Boston 2010 (in press).
- Shaalan E, Canyon DV, Heukelbach J, **Speare R**. Malathion. Kucer The Use of Antibiotics 6<sup>th</sup> Eds. Grayson JM, Mccarthy J, Mouton J, Crowe S, Paterson D, Pfaller MA, Grayson L, Kucers A, Norrby R. Hodder Arnold:UK 2010 (in press).
- Shaw SD, Bishop PJ, Berger L, Skerratt LF, Garland S, Gleeson DM, Haigh A, Herbert S, **Speare R**. Experimental infection of self-cured *Leiopelma archeyi* with the amphibian chytrid, *Batrachochytrium dendrobatidis*. *Diseases of Aquatic Organisms* (in press)
- Speare R**, Canyon DV, Heukelbach J, Shaalan E. Permethrin. Kucer The Use of Antibiotics 6<sup>th</sup> Ed. Grayson JM, Mccarthy J, Mouton J, Crowe S, Paterson D, Pfaller MA, Grayson L, Kucers A, Norrby R. Hodder Arnold:UK 2010 (in press).

#### 2009

- Aitken P, Leggat P, Robertson A, Harley H, **Speare R**, Leclercq M. Pre and post deployment health support provided to Australian Disaster Medical Assistance Team members: Results of a national survey. *Travel Medicine and Infectious Disease* 2009;7:305-311.
- Aitken P, Leggat PA, Robertson A, Harley H, **Speare R**, LeClerq M. Health and safety aspects of deployment of Australian Disaster Medical Assistance Team members: Results of a national survey. *Travel Medicine and Infectious Disease* 2009;7:284-290.
- Berger L, Longcore JE, **Speare R**, Hyatt AD, Skerratt LF. Fungal Diseases in Amphibians. In: Decline and Conservation of Amphibians. H. Heatwole (Ed). Surrey Beatty & Sons, Chipping Norton, Australia. (In Press – accepted 10 January 2006)



## Directory of PPHSN Resources – 2010 Edition

### Allied Members

- Berger L, Skerratt LF, Zhu XQ, Young S, **Speare R**. Severe sparganosis in Australian tree frogs. *Journal of Wildlife Diseases* 2009;45(4):921-929.
- Berger L, **Speare R**, Marantelli G, Skerratt LF. A zoospore inhibition technique to evaluate the activity of antifungal compounds against *Batrachochytrium dendrobatidis* and unsuccessful treatment of experimentally infected green tree frogs (*Litoria caerulea*) by fluconazole and benzalkonium chloride. *Research in Veterinary Science* 2009; 87(1):106-110.
- Bishop PJ, **Speare R**, Poulter R, Butler M, Speare BJ, Hyatt A, Olsen V, Haigh A. Elimination of chytridiomycosis by Archey's frog *Leiopelma archeyi*. *Diseases of Aquatic Organisms* 2009;84:9-15.
- Clemas RJ, Germano JM, **Speare R**, Bishop P. Use of three individual marking methods in Australian frogs (Genus: *Litoria*) with notes on placement of Visible Implant Alphanumeric tags. *New Zealand Natural Sciences* 2009;34:1-7.
- Counahan M, Walsh H, **Speare R**. Head lice as an OHS risk to primary school teachers in Australia. *Journal of Occupational Health and Safety* 2009;25(6):477-481.
- Daveson AJM, Jones D, Mcorley H, Gaze S, McCarthy J, Clouston A, Pascoe A, Macdonald G, **Speare R**, Anderson R, Loukas A, Croese J. A phase 2A randomized double blinded placebo controlled study evaluating immunity and gluten sensitivity by inoculating coeliac disease patients with the human hookworm *Necator americanus*. *Journal of Gastroenterology and Hepatology* 2009;24:A221-A222.
- Eastwood K, Durrheim D, Francis JL, d'Espaignet ET, Duncan S, Islam F, **Speare R**. Public understanding of pandemic influenza, compliance with containment measures and the value of an inter-pandemic communication strategy. *Bulletin of the World Health Organization* 2009;87(8):588-594,
- Hunter DA, **Speare R**, Marantelli G, Mendez D, Pietsch R, Osborne W. Presence of the amphibian chytrid fungus, *Batrachochytrium dendrobatidis*, in threatened corroboree frog populations in the Australia Alps. *Diseases of Aquatic Organisms* (in press, accepted 13 July 2009).
- Leggat PA, Smith DR, **Speare R**. Hand dermatitis among veterinarians from Queensland, Australia. *Contact Dermatitis* 2009;60(6):336-338.
- Leggat PA, Smith DR, **Speare R**. Exposure rate of needlestick and sharps injuries among Australian veterinarians. *Journal of Occupational Medicine and Toxicology* 2009;4:25  
doi:10.1186/1745-6673-4-25
- Leggat PA, **Speare R**, Aitken P. Swine flu and travelers: an Australian perspective. *Journal of Travel Medicine* 2009;16(6):373-376.
- Massey PD, Miller A, Durrheim DN, **Speare R**, Siggers S, Eastwood K. Pandemic influenza containment and the cultural and social context of Indigenous communities. *Journal of Rural and Remote Health* 2009;9:1179.
- Murray K, Skerratt LF, **Speare R**, McCallum H. Impact and dynamics of disease in species threatened by the amphibian chytrid fungus, *Batrachochytrium dendrobatidis*. *Conservation Biology* 2009;23(5):1242-1252.
- Murray K. The distribution and host range of the emerging infectious disease chytridiomycosis in Australia spanning surveys from 1956 to 2007. *Ecology* (in press).
- Schloegel LM, Daszak P, Cunningham AC, **Speare R**, Hill B. Two amphibian diseases, chytridiomycosis and ranaviral disease, are now globally notifiable to the World Organization for Animal Health (OIE). *Diseases of Aquatic Organisms* (in press 3 Sep 2009).
- Smith DR, Leggat PA, **Speare R**. Musculoskeletal disorders and psychosocial risk factors among veterinarians in Queensland, Australia. *Australian Veterinary Journal* 2009;87(7):260-265.
- Smith DR, Leggat PA, **Speare R**, Townley-Jones M. Examining the dimensions and correlates of workplace stress among Australian veterinarians. *Journal of Occupational Medicine and Toxicology* 2009;4:32  
(doi:10.1186/1745-6673-4-32)



## Directory of PPHSN Resources – 2010 Edition

### Allied Members

- Voyles J, Young S, Berger L, Campbell C, Voyles WF, Dinudom A, Cook D, Webb R, Alford RA, Skerratt LF, **Speare R**. Pathogenesis of chytridiomycosis, a cause of catastrophic amphibian declines. *Science* 2009;326(5952):582-585.
- Whitehall JS, **Speare R**, Best HE, Price PJ, Mills DJ. A maggoty scalp. *Medical Journal of Australia* 2009;190(12):717-718.
- Yang H, Baek H, **Speare R**, Webb R, Park S, Kim T, Lasater KC, Shin S, Son S, Park J, Min M, Kim Y, Na K, Lee H, Park S. First detection of the amphibian chytrid fungus, *Batrachochytrium dendrobatidis*, in free-ranging populations of amphibians on mainland Asia: survey in South Korea. *Diseases of Aquatic Organisms* 2009;86:9-13.

#### 2008

- Boon VA, Munro JL, Kan GW, Burnell J, **Speare R**. Seroreactivity against streptococcal DRS (distantly related to SIC) protein is a predictor for end-stage renal failure. *Clinical Vaccine Immunology* 2008;15:1699-1704.
- Hanson D, Hanson J, Vardon P, McFarlane K, **Speare R**, Durrheim D. Documenting the development of social capital in a community Safety Promotion Network: It's not what you know but who you know. *Health Promotion Journal of Australia* 2008;19(2):144-151.
- Heukelbach J, Canyon DV, Oliveira FA, Muller R, **Speare R**. *In vitro* efficacy of over-the-counter botanical pediculicides against the head louse *Pediculus humanus var capitis* based on a stringent standard for mortality assessment. *Journal of Medical and Veterinary Entomology* 2008;22:264-272.
- Mendez D, Webb R, Berger L, **Speare R**. Survival of the amphibian chytrid fungus, *Batrachochytrium dendrobatidis*, on bare hands and gloves: hygiene implications for amphibian handling. *Diseases of Aquatic Organisms* 2008;82:97-104.
- Miller A, **Speare R**. Chapter 12: Health care for Indigenous Australians. 131-142. In: Willis E, Reynolds L. (eds) *Understanding the Australian Health Care System*. Elsevier : Australia. 2008.
- Parison J, **Speare R**, Canyon DV. Uncovering family experiences with head lice: the difficulties of eradication. *Open Dermatology Journal* 2008;2:9-17.
- Pattison D, **Speare R**. Strongyloidiasis in participants of the Regional Assistance Mission to Solomon Islands (RAMSI). *Medical Journal of Australia* 2008;189:203-206.
- Phyllott AD, Skerratt LF, McDonald KR, Lemckert FL, Hines HB, Clarke JM, Alford RA, **Speare R**. Toe clipping of anurans for mark-recapture studies: Acceptable if justified. That's what we said! *Herpetological Review* 2008;39:149-150.
- Skerratt LF, Berger L, Hines HB, McDonald KR, Mendez D, **Speare R**. Survey protocol for detecting chytridiomycosis in all Australian frog populations. *Diseases of Aquatic Organisms* 2008;80:85-94.
- Speare R**, Melrose W, Cooke S, Croese J. Techniques to kill infective larvae of human hookworm, *Necator americanus*, in the laboratory and a new Material Safety Data Sheet. *Australian Journal of Medical Science* 2008;29:91-96.
- Spratt DM, Beveridge I, Skerratt LF, **Speare R**. Appendix 2: Guide to the identification of common endo- and ecto-parasites of Australian mammals. In: *Medicine of Australian Mammals*. Vogelnest L, Woods R. (eds). Pp. 639-658. CSIRO Publishing, Collingwood.
- Ugbomoiko US, **Speare R**, Heukelbach J. Self-diagnosis of head lice infestation in rural Nigeria as a reliable rapid assessment tool for pediculosis. *Open Dermatology Journal* 2008;3:95-97.

#### 2007

- Canyon DV, **Speare R**. Do head lice spread in swimming pools? *International Journal of Dermatology* 2007;46(11):1211-1213.
- Canyon DV, **Speare R**. A comparison of botanical and synthetic substances commonly used to prevent head lice (*Pediculus humanus var. capitis*) infestation. *International Journal of Dermatology* 2007;46:422-426.
- Counahan M, Andrews R, Weld H, Walsh W, **Speare R**. What parents in Australia know and do about pediculosis. *Rural and Remote Health* 2007;7:687.
- Felger J, Enssle J, Mendez D, **Speare R**. Chytridiomycosis in El Salvador. *Salamandra* 2007; 43(2):122-127.



## Directory of PPHSN Resources – 2010 Edition

### Allied Members

- Heukelbach J, Canyon D, **Speare R**. The effect of natural products on head lice: In vitro tests and clinical evidence. *Journal of Pediatric Infectious Diseases* 2007;2:1-10.
- Leggat PA, Mills D, **Speare R**. Hostellers' knowledge of transmission and prevention of avian influenza when travelling abroad. *Travel Medicine and Infectious Disease* 2007;5:53-56.
- Leggat PA, Mills D, **Speare R**. Level of concern and sources of information of a group of Brisbane hostellers for personal safety and terrorism when traveling abroad. *Journal of Travel Medicine* 2007;14(2):112-116.
- Massey P, Durrheim D, **Speare R**. Inadequate chemoprophylaxis and the risk of malaria in Australians on the Kokoda Trail, Papua New Guinea. *Australian Family Physician* 2007;36(12):1058-1060.
- Oliveira FAS, **Speare R**, Heukelbach J. High in vitro efficacy of Nyda® L, a pediculicide containing dimeticone. *Journal of the European Academy of Dermatology and Venereology* 2007;21:1325-1329.
- Rowley JLL, Chan SKF, Tang WS, **Speare R**, Skerratt LF, Alford RA, Cheung KS, Ho CY, Campbell R. Survey for the amphibian chytrid *Batrachochytrium dendrobatidis* in Hong Kong in native amphibians and in the international amphibian trade. *Diseases of Aquatic Organisms* 2007;78:87-95.
- Skerratt LF, Berger L, **Speare R**, Cashins S, McDonald KR, Phillott AD, Hines HB, Kenyon N. Spread of chytridiomycosis has caused the rapid global decline and extinction of frogs. *EcoHealth* 2007;DOI: 10.1007/s10393-007-0093-5
- Speare R**, Canyon DV, Cahill C, Thomas G. Comparative efficacy of two nit combs in removing head lice (*Pediculus humanus* var. *capitis*) and their eggs. *International Journal of Dermatology* 2007;46(12):1275-1278.
- Voyles J, Berger L, Young S, **Speare R**, Webb R, Warner J, Rudd D, Campbell R, Skerratt LF. Electrolyte depletion and osmotic imbalance in amphibians with chytridiomycosis. *Diseases of Aquatic Organisms* 2007;77:113-118.
- Webb R, Mendez D, Berger L, **Speare R**. Additional disinfectants effective against the amphibian chytrid fungus *Batrachochytrium dendrobatidis*. *Diseases of Aquatic Organisms* 2007;74:13-16.
- Berger L, Longcore JE, Hyatt A, **Speare R**. Fungal diseases of amphibians. Book chapter in: *Amphibian Decline and Conservation* (in press).
- Young S, Berger L, **Speare R**. Amphibian chytridiomycosis: strategies for captive management and conservation. *International Zoo Yearbook* 2007;41:85-95.

### 2006

- Burkot TR, Durrheim D, Melrose WD, **Speare R**, Ichimori K. The argument for integrating vector control with multiple drug administration campaigns to ensure elimination of lymphatic filariasis. *Filaria Journal* 2006;5(10):doi:10.1186/1475-2883-5-10.
- Croese J, O'Neil J, Masson J, Cooke S, Melrose W, Pritchard D, **Speare R**. A proof of concept study establishing *Necator americanus* in Crohn's patients and reservoir donors. *Gut* 2006;55:136-137.
- Croese J, **Speare R**, Wood M, Melrose W. Allergy controls the population density of *Necator americanus* in the small intestine. *Gastroenterology* 2006;131(2):402-409.
- Croese J, **Speare R**. Intestinal allergy expels hookworms: seeing is believing. *Trends in Parasitology* 2006;22(12):547-550.
- Department of Environment and Heritage. Threat Abatement Plan for infection of amphibians with chytrid fungus resulting in chytridiomycosis. i) Threat Abatement Plan. ii) Background Document. Australian Government Department of Environment and Heritage; Canberra. 2006. (R. Speare was consultant and principal author with Lee Berger.)
- Durrheim DN, Muller R, Saunders V, **Speare R**, Lowe J. Would Australian general practice be the first point of contact during an anthrax bioterrorism event? *Australian Family Physician* 2006;36(1):172-174.
- Hawkes AL, Nowak M, Bidstrup B, **Speare R**. Outcomes of coronary artery bypass graft surgery. *Vascular Health and Risk Management* 2006;2(4):477-484.
- Heukelbach J, Araújo Sales de Oliveira S, **Speare R**. A shampoo based on neem (*Azadirachta indica*) is highly effective against head lice in vitro. *Parasitology Research* 2006;99:353-356.



## Directory of PPHSN Resources – 2010 Edition Allied Members

- Heukelbach J, Kuenzer M, Counahan M, Feldmeier H, **Speare R**. Correct diagnosis of current head lice infestation made by affected individuals from a hyperendemic area. *International Journal of Dermatology* 2006;45:1437-1438.
- Heukelbach J, **Speare R**, Canyon D. Natural products and their application to the control of head lice: An evidence-based approach. Chapter 7. In G Brahmachari (ed). *Chemistry of Natural Products: Recent Trends and Developments*. Research Signpost: Kerala, India. 2006;1-26.
- Nelesone T, Durrheim DN, **Speare R**, Kiedrzyński T, Melrose WD. Strengthening sub-national communicable disease surveillance in a remote Pacific Island Country by adapting a successful African outbreak surveillance model. *Tropical Medicine and International Health* 2006;11(1):17-21.
- Nowak M, Buttner P, Harrison S, Daniell K, Raasch B, **Speare R**. Effectiveness of lifestyle measures in the treatment of gastroesophageal reflux disease – a case series. *Therapeutics and Clinical Risk Management* 2006;2(3):x-4. (in proof)
- Schoegel LM, Hero JM, Berger L, **Speare R**, McDonald K, Daszak P. The decline of the sharp-snouted day frog (*Taudactylus acutirostris*): The first documented case of extinction by infection in a free-ranging wildlife species? *EcoHealth* 2006;3:35-40.
- Speare R**, Canyon D, Melrose W. Quantification of blood intake of the head louse, *Pediculus humanus capitis*. *International Journal of Dermatology* 2006;45:543-546.
- Speare R**, Latasi FF, Nelesone T, Harmen S, Melrose W, Durrheim D, Heukelbach J. Prevalence of soil transmitted nematodes on Nukufetau, a remote Pacific island in Tuvalu. *BioMedCentral Infectious Diseases* 2006;6:110. doi:10.1186/1471-2334-6-110

### 2005

- Barnett FI, Durrheim DM, **Speare R**, Muller R. Management of Irukandji syndrome in northern Australia. *Rural and Remote Health* 2005;5:365 (online)
- Berger L, Hyatt AD, **Speare R**, Longcore JE. Life cycle stages of *Batrachochytrium dendrobatidis* Longcore et al. 1999, the amphibian chytrid. *Diseases of Aquatic Organisms* 2005;68:51-63.
- Berger L, Marantelli G, Skerratt LF, **Speare R**. Virulence of the amphibian chytrid fungus, *Batrachochytrium dendrobatidis*, varies with the strain. *Diseases of Aquatic Organisms* 2005; 68:47-50.
- Berger L, **Speare R**, Skerratt L. Distribution of *Batrachochytrium dendrobatidis* and pathology in the skin of green tree frogs (*Litoria caerulea*) with severe chytridiomycosis. *Diseases of Aquatic Organisms* 2005;68:65-70.
- Counahan M, Andrews R, **Speare R**. Reliability of written parental reports of head lice in their children. *Medical Journal of Australia* 2005;182 (3):137-138.
- Durrheim D, Muller R, Saunders V, **Speare R**, Lowe J. Smallpox and the Australian public. *Emerging Infectious Diseases* 2005;11(11):1748-1750.
- Johnston FH, Morris PS, **Speare R**, McCarthy J, Currie B, Ewald D, Page W, Dempsey K. Strongyloidiasis: A review of the evidence for Australian practitioners. *Australian Journal of Rural Health* 2005;13:247-254.
- Johnson ML, **Speare R**. Possible modes of dissemination of the amphibian chytrid, *Batrachochytrium dendrobatidis*, in the environment. *Diseases of Aquatic Organisms* 2005;65:181-186.
- McDonald KR, Méndez D, Müller R, Freeman AB, **Speare R**. Decline in the prevalence of chytridiomycosis in upland frog populations in North Queensland, Australia. *Pacific Conservation Biology* 2005;11(2):114-120.
- Speare R**, Skerratt L, Berger L, Hines H, Hyatt A, Mendez, McDonald K, Hero JM, Marantelli G, Muller R, Alford R, Woods R. A project that designs and trials a pilot survey to map the distribution of chytridiomycosis (caused by the amphibian chytrid fungus) in Australian frogs. Department of Environment and Heritage: Canberra. 2005. Online at: <http://www.deh.gov.au/biodiversity/invasive/publications/c-disease/distribution-survey.html>.
- Webb R, Berger L, Mendez D, **Speare R**. MS-222 (tricaine methane sulfonate) does not kill the amphibian chytrid fungus *Batrachochytrium dendrobatidis*. *Diseases of Aquatic Organisms* 2005;68:89-90.



## Directory of PPHSN Resources – 2010 Edition Allied Members

### 2004

- Barnes J, Warner J, Melrose W, Durrheim D, **Speare R**, Reeder J, Ketheesan N. Adaptive immunity in melioidosis: a possible role for T cells in determining outcome of infection with *Burkholderia pseudomallei*. *Clinical Immunology* 2004;113(1):22-28.
- Berger L, **Speare R**, Hines HB, Marantelli G, Hyatt AD, Olsen V, McDonald KR, Clarke J, Gillespie G, Mahony M, Sheppard N, Williams C, Tyler M. Mortality in amphibians due to chytridiomycosis increases in winter and with lower experimental temperatures. *Australian Veterinary Journal* 2004;82(7):434-439.
- Berger L, **Speare R**, Middleton D. A squamous cell carcinoma and an adenocarcinoma in Australian tree frogs. *Australian Veterinary Journal* 2004;82:88-90.
- Counahan M, Andrews R, Büttner P, Byrnes G, **Speare R**. Head lice prevalence in primary schools in Victoria, Australia. *Journal of Pediatrics and Child Health* 2004;40(11):616-619.
- Durrheim DN, **Speare R**. Communicable disease surveillance and management in a globalised world. *Lancet* 2004;363(9418):1339-1340.
- Durrheim DN, **Speare R**, Ogunbanjo GA. Elimination programs: monitoring the effectiveness of surveillance. *Journal of Infectious Diseases* 2004;190:2195-2196.
- Marantelli G, Berger L, **Speare R**, Keegan L. Changes in distribution of *Batrachochytrium dendrobatidis* and keratin during tadpole development leading to high mortality after metamorphosis. *Pacific Conservation Biology* 2004;10(1):173-179.
- Retallick RWR, McCallum H, **Speare R**. Endemic infection of the amphibian chytrid fungus in a frog community post-decline. *PLoS Biology* 2004;2(11):e351 (online at <http://biology.plosjournals.org/plosonline/>)
- Speare R**, Durrheim D. Mass treatment with ivermectin: an underutilized public health strategy. *Bulletin of the World Health Organization* 2004;8:562.
- Speare R**, Durrheim D. Strongyloides serology – useful for diagnosis and management of strongyloidiasis in rural Indigenous populations, but important gaps in knowledge remain. *Rural and Remote Health* 2004;4:264 (online at <http://rrh.deakin.edu.au>)
- Speare R**, Skerratt LF, Berger L, Johnson PM. Toxic effects of mebendazole at high dose on the haematology of red-legged pademelons (*Thylogale stigmatica*). *Australian Veterinary Journal* 2004; 82(5):300-303.
- Weldon C, Du Preez L, Hyatt A, Muller R, **Speare R**. Origin of the amphibian chytrid fungus. *Emerging Infectious Diseases* 2004;10(12):2100-2105.

### 2003

- Adams M, Page W, **Speare R**. Strongyloidiasis: an issue in Aboriginal communities. *Rural and Remote Health* 2003;3, online available from <http://rrh.deakin.edu.au>.
- Bonaccorso E, Guayasamin JM, Méndez D, **Speare R**. Chytridiomycosis in a Venezuelan amphibian (Bufonidae: *Atelopus cruciger*). *Herpetological Review* 2003;34(4):331-334.
- Durheim DN, Williams HA, Barnes K, **Speare R**, Sharp BL. Beyond evidence: a retrospective study of factors influencing a malaria treatment policy change in two South African Provinces. *Critical Public Health* 2003;13(4):309-330.
- Govere JM, **Speare R**, Durrheim DN. The prevalence of pediculosis in rural South African schoolchildren. *South African Journal of Science* 2003;99:21-23.
- Hawkes A, Nowak M, **Speare R**. Short form - 36. Health survey as an evaluation tool for cardiac rehabilitation programs: is it appropriate? *Journal of Cardiopulmonary Rehabilitation* 2003;23(1):22-25.
- Johnson M, Berger L, Philips L, **Speare R**. *In vitro* evaluation of chemical disinfectants and physical techniques against the amphibian chytrid, *Batrachochytrium dendrobatidis*. *Diseases of Aquatic Organisms* 2003;57:255-260.



## Directory of PPHSN Resources – 2010 Edition Allied Members

Johnson M, **Speare R**. Survival of *Batrachochytrium dendrobatidis* in water: quarantine and control implications. *Emerging Infectious Diseases* 2003;9(8):922-925.

Leggat PA, **Speare R**, Durrheim DN. Professional doctorates in public health: Contributing towards workforce specialisation and the knowledge economy. *Focus on Health Professional Education* 2004;5(2):14-22.

Nelesone T, Durrheim DN, **Speare R**. *Tuvulu Outbreak Manual*. Warwick Educational Publishing, Killarney, Australia. 2003.

**Speare R**, Durheim DN, Ogunbanjo GA, Edginton ME, Harris BN. An effective training strategy for communicable disease control nurses. *African Journal of Nursing and Midwifery*. 2003;5(1):50-56.

**Speare R**, Thomas G, Cahill C. Head lice on pillows and strategies to make a small risk even less. *International Journal of Dermatology* 2003;42:626-629.

### 2002

Canyon DV, **Speare R**, Müller R. Spatial and kinetic factors for the transfer of head lice (*Pediculus capitis*) between hairs. *Journal of Investigative Dermatology* 2002; 119(3):629-31.

Canyon DV, **Speare R**, Naumann I, Winkel K. Environmental and economic costs of invertebrate invasions in Australia. In: *Biological Invasions: Economic and Environmental Costs of Alien Plant, Animal, and Microbe Species*, Pimentel D (Ed). CRC Press, Boca Raton, 2002;45-66. ISBN 0-8493-0836-4.

Durrheim DN, **Speare R**, Billingham KG, Reuch MR. Cholera – the role of catheters, confidential inquiries and early response. *South African Medical Journal* 2002;92:597-599.

Durrheim DN, **Speare R**, Harries AD. Research that influences policy and practice: characteristics of operational research to improve malaria control in Mpumalanga Province, South Africa. *Malaria Journal* 2002;1:9. Online peer-reviewed journal at <http://www.malariajournal.com/content/1/1/9>.

Durrheim DN, **Speare R**, Petzer M. Rabies post-exposure management in South Africa: a telephonic survey used as a rapid tool for operational research. *Tropical Medicine and International Health* 2002;7:459-461.

Leggat PA, **Speare R**, Silva D, Williams W, Kedjarune U. Ch. 9. Travelling with children. In: *Primer of Travel Medicine*. 3<sup>rd</sup> Ed. Leggat PA, Goldsmid JM (Eds). ACTM Publications, Brisbane. 2002;113-119. ISBN 0-9578717-5-9.

Mngomezulua N, Govere JM, Durrheim DN, **Speare R**, Viljoenc L, Appleton C, Booman M. Burden of schistosomiasis and soil-transmitted helminth infections in primary school children in Mpumalanga, South Africa, and implications for control. *South African Journal of Science* 2002;98(11/12):607-610.

**Speare R**, Goldsmid JM, Leggat PA. Ch. 19. Post-travel check-up. In: *Primer of Travel Medicine*. 3<sup>rd</sup> Ed. Leggat PA, Goldsmid JM (Eds). ACTM Publications, Brisbane. 2002;223-232. ISBN 0-9578717-5-9.

**Speare R**, Thomas G, Cahill C. Head lice are not found on floors in primary school classrooms. *Australian and New Zealand Journal of Public Health* 2002;26(3):208-211.