

Wind Turbines Scientific Forum - Brief CVs International Presenters

<p>Mariana Alves-Pereira (Portugal)</p>	<p>PhD in Biomedical Engineering and a BS in Physics. Invited Adjunct Professor, Lusofona University School of Health Sciences (ERISA) Lusofona University Portugal Referred to as acoustic engineer, biomedical engineer.</p> <p>Mariana Alves-Pereira, Dept. of Environmental Sciences & Engineering, New University of Lisbon, Caparica, Portugal, has for many years been part of a team of physicians and scientists studying the pathophysiology of low-frequency noise and infrasound on humans. She is Assistant Coordinator of the Vibroacoustic Disease Project. Alves-Pereira and colleagues have been doing epidemiologic studies of airline pilots and technicians and other people who are chronically exposed to low-frequency noise and infrasound. The effects are grim: cardiovascular, respiratory, neurologic, and renal pathology and symptoms, which they call vibroacoustic disease.</p> <p>Alves-Pereira, in discussion with physicians Amanda Harry in the U.K. and Nina Pierpont in the U.S., is now looking into the low-frequency noise and infrasound produced by industrial wind turbines, to determine whether they, too, can cause such vibroacoustic disease (VAD). Alves-Pereira's initial assessment based on noise measurements taken inside and outside the homes of wind turbine neighbours, is that turbines are indeed a likely cause of VAD.</p> <p>Works with Nuno Castelo Branco, MD Surgical Pathologist President, Scientific Board Center for Human Performance (CPH)</p>
<p>Geoff Leventhall, Ph.D.</p>	<p>Geoff is a UK-based noise and vibration consultant who works internationally. His academic and professional qualifications include: Ph.D. in Acoustics, Fellow of the UK Institute of Physics, Honorary Fellow of the UK institute of Acoustics (of which he is a former President), Distinguished International Member of the USA Institute of Noise Control Engineering, Member of the Acoustical Society of America.</p> <p>Geoff was formerly an academic, during which time he supervised 30 research students to completion of their doctoral studies in acoustics.</p> <p>Much of his academic and consultancy work has been on problems of infrasound and low frequency noise and control of low frequency noise by active attenuation He has been a member of a number of National and International committees on noise and acoustics and was recently a member of two committees producing reports on effects of noise on health: the UK Health Protection Agency Committee on the Health Effects of</p>

Wind Turbines Scientific Forum - Brief CVs International Presenters

APPENDIX E EXPERT PANEL PARTICIPANTS E-3	
Bob Thorne	<p>Bob holds a PhD from Massey University New Zealand in health science. He is an Environmental Health Research Associate in the Institute of Food, Nutrition and Human Health at Massey University and is a Fellow of the Royal Society for Public Health. His research work involves using advanced specialized technology and analysis software for human perception of low amplitude sound and intrusive noise. Applications include noise assessment and noise monitoring systems with simplified data analysis and information retrieval protocols. A specific application is personalized sound reinforcement for hearing assistive devices.</p> <p>Bob is the Principal of Noise Measurement Services Pty Ltd. He is a member of the Australian Acoustical Society and the Institute of Acoustics (UK). He holds a masters degree in environmental science, post-graduate qualifications in acoustics and noise control and formal qualifications in health engineering.</p> <p>As Director of Planning and Regulatory Services for a New Zealand local government; a Principal Environmental Officer for the Department of Environment and Heritage (now DERM) in Queensland; and an acoustical consultant to the Ministry of Health (New Zealand) he has extensive knowledge and expertise in environmental policy development, developing environmental management systems and land use planning. He also has considerable experience in the fields of environmental ethics and community consultation and is an expert witness in court in the field of psychoacoustics.</p>
Simon Chapman - PhD FASSA	<p>Simon Chapman PhD FASSA, is Professor in Public Health at the University of Sydney. He has published 406 articles in peer reviewed journals and 17 books and major reports. His <i>Public Health Advocacy and Tobacco Control: Making Smoking History</i> was published by Blackwell (Oxford) in 2007 and his co-authored <i>Let Sleeping Dogs Lie: What men should know before being tested for prostate cancer</i> by Sydney University Press in 2010. In 1997 he won the World Health Organisation's World No Tobacco Day Medal and in 2003 he was voted by his international peers to be awarded the American Cancer Society's Luther Terry Award for outstanding individual leadership in tobacco control. In 2008 he won the NSW Premier's Cancer Researcher of the Year medal; the Public Health Association of Australia's Sidney Sax medal; and was a NSW finalist in Australian of the Year. He was deputy editor (1992-1997) then editor (1998-2008) of the British Medical Journal's, <i>Tobacco Control</i> and is now its editor emeritus.</p> <p>His current research involves examining policy how health and medical issues are covered in the news media; risk communication; the implications for tobacco control of web 2.0 technology; and characteristics of public health research (and its dissemination) which impact on public health policy.</p>
Dr Sarah Laurie	<ul style="list-style-type: none"> • Bachelor of Medicine, Bachelor of Surgery, School of Medicine, Flinders University (Australia) 1995

Wind Turbines Scientific Forum - Brief CVs International Presenters

	<ul style="list-style-type: none"> • Fellowship of the Royal Australian College of General Practitioners (RACGP) 1999 • Fellowship of the Australian College of Rural and Remote Medicine. • Examiner for the Royal Australian College of General Practitioners • General Practitioner in rural towns in mid-north South Australia • Councillor on the Australian Medical Association State Committee, 2000 and 2001 • Locum Tenens, Nganampa Health Council in far-north South Australia • Mid-north Division of General Practice representative on regional Mental Health Advisory Committee • Helped to set up the Mid-North Rape and Sexual Assault Service <p>Particular interest and expertise in the provision of primary mental health care, working closely in conjunction with a visiting psychiatrist, Dr Theresa Lim</p> <p>In mid 2010, Dr. Laurie was in the process of returning to work as a rural General Practitioner when she became aware that a wind energy project was proposed for the hills near her home in the mid north of South Australia. Being concerned about climate change and the environment, and the need for renewable energy, she was initially very supportive of the local project and unaware of any health concerns.</p> <p>It wasn't until a neighbour alerted her to Dr Amanda Harry's study of health issues with wind factories, that Dr. Laurie realised there were some potentially serious health problems associated with wind turbines.</p> <p>She decided to look into the matter fully, and became aware that despite the health problems being described around the world, there was consistent denial of health problems by the wind industry globally, and that the concerns of medical doctors seeing patients who were getting sick were being ignored. She saw there was an urgent need for more independent research in order to ensure that turbine developments were located safely.</p> <p>As a result of her interest, and speaking out publicly about her concerns, she was approached to help set up the Waubra Foundation as a national organisation. She has dedicated her time voluntarily to this since July 18, 2010.</p> <p>Dr. Laurie attended the recent international symposium on wind energy and health in Ontario, Canada, in October 2010, and was able to meet with the key medical researchers around the world currently working in the area.</p>
David Page	David live adjacent to Capital Wind Farm, which is located on the eastern surrounds of nearby Lake George