Audience

- Solicitors in General Practice
- WHS lawyers
- Unions’ legal counsel
- Human Resources professionals
- Insurance Law Specialists
- Employment Law specialists
- Personal Injury Lawyers
- In house Legal Counsel
- School Principals
- Senior School Officers School Administrators
- Bursars
- Heads of Schools
- School Council members

Objective

This seminar will provide employers, employees, school administrators, staff, school principals and union representatives, who are responsible for workplace safety and the safety of their students, with essential information on scientific and legal developments which will affect them.

The seminar will provide an overview of important developments in science, policy and regulatory direction.

About the Presenters

MR ROBYN WILLIAMS AM, Broadcaster, ABC Science Unit

Robyn is a science journalist and broadcaster who directs the Science Show, Ockham’s Razor and In Conversation for the ABC. He is a visiting Professor at UNSW and was awarded an Honorary Doctorate of Law at ANU. During his many interviews with leading scientists he ensures that explanations are clear. In fact, he ‘lifts the scientific veil’. In 1987, he was declared to be a National Living Treasure.

Mr PAUL WENTWORTH, Lawyer, Course Convenor UNSW Law

Paul has practised as a commercial lawyer for 27 years and was a partner at Minter Ellison for 16 years. Paul has considered issues regarding EMR emissions from mobile telephone and television broadcasting towers and licensing issues under the Radio communications Act in the course of advising telecommunications and broadcast infrastructure clients. He also has science degree and for the past 6 years has coordinated the University’s Mining and Resources Law Course and lectured on topics as diverse as nuclear law, coal seam gas regulation and commercial contracts.

DR MARY REDMAYNE, Post-Doctoral Research Fellow, Centre for Population Health Research on Electromagnetic Energy, within the Department of Epidemiology and Preventive Medicine, Monash University, Victoria.

Mary graduated from Victoria University of Wellington, NZ. She is a Participating Member of Standards Australia Committee on Human Exposure to Electromagnetic Fields.

DR PRIYANKA BANDARA, Molecular Biologist, Member of Advisory Board of Environmental Health Trust USA, Doctors for Safer Schools USA

Priyanka holds undergraduate and post graduate degrees from UNSW in biochemistry and molecular genetics. She has a continuing interest is in oxidative stress which is pathobiologically involved in almost every disease. Her post-doctoral research was in molecular pharmacology at the Faculty of Medicine. Her current interest is in the cytotoxic effects of various environmental pollutants via complex cellular pathways.

ASSOCIATE PROFESSOR Ray KEARNEY OAM (Immunologist, Department of Infectious Diseases and Immunology, Department of Medicine, University of Sydney)

Professor Kearney is a First Class Honours Graduate from University of Sydney. His training was in classical Infectious Diseases and Immunology. He was Head of the Department from 1993-2000. He taught undergraduate and postgraduate medical dental and science students. He has appeared as an Expert Witness in seven NSW government Parliamentary inquiries concerning health impacts of air pollution.

JENNE TZAVARAS, Partner, HWL Ebsworth Lawyers

Jenne has over 19 years’ experience in all aspects of employers’ liability and workers compensation litigation. She acts for numerous clients, some with national presence, to provide comprehensive advice in relation to workplace accidents and disputes. Jenne’s areas of expertise are Workers Compensation, including common law based claims. Risk management strategies and Personal Injury litigation.

DAVID ANDERSEN, Partner, HWL Ebsworth Lawyers

David’s areas of practice are Insurance, Dispute Resolution and Litigation. Since 1993 David has specialised in defending personal injury matters, including workers compensation claims. He also provides advice on complex indemnity issues.

MR JOHN LINCOLN, Electrical Engineer, EMR Surveys

John is an electrical engineer with more than 20 years of experience in measuring and observing effects of electromagnetic fields for both power (ELF) and radiofrequency (RF). He is a member of an ARPANSA advisory committee and community representative on Standards Working Groups for ELF and RF fields.
Wireless Devices: Risk, Regulation, Compliance and Liability

Chair: Mr Robyn WILLIAMS AM, Broadcaster, ABC Science Unit

8.45 am
Topic 1

Regulation of Non-ionising Radiation: Issues and Terminology
Speaker: Mr PAUL WENTWORTH, Lawyer, Course Convenor UNSW Law
- Recent Appeal to the UN and WHO from 200 scientists from 39 countries Professor Martin Blank Columbia University New York. Video.
- EMR, what is it?
- What is non-ionising radiation?
- Regulatory Framework

9.00 am
Topic 2

Children’s and workers’ exposure to radiofrequencies: international approaches to policy and advice.
Speaker: DR MARY REDMAYNE, Post-Doctoral Research Fellow, Centre for Population Health Research on Electromagnetic Energy, Monash University
- what approaches are taken internationally regarding radio frequency exposure?
- what are ‘health’effects and why do international standards differ?
- can existing policy guidelines accommodate non-thermal effects?
- how can children’s exposure be limited?

9.35 am
Topic 3

EMR Biological and Health Effects: Summary of Some Key Findings
Speaker: DR PRIYANKA BANDARA, Molecular Biologist, Member of Advisory Board of Environmental Health Trust USA, Doctors for Safer Schools.
- epidemiological research, whole animal and cell culture experiments
- cellular research with particular reference to damage to DNA, cell membranes, blood brain barrier and sperm
- biochemical research with reference to oxidative stress
- neurobehavioural and cognitive research

10.05 am
Topic 4

Immunologist’s View of the Risk to Human Body when exposed to new levels of EMR
Speaker: Associate Professor RAY KEARNEY OAM Immunologist, Department of Infectious Diseases and Immunology, Department of Medicine, University of Sydney
- new environmental conditions
- melatonin and where it is found (is it in all living matter)
- biological functions of melatonin
- how is melatonin production affected by exposure to EMR frequencies?

10.40 am
Morning tea

11.10 am
Topic 5

Potential Legal Issues for Employers
Speakers: JENNE TZAVARAS, Partner, HWL Ebsworth Lawyers
DAVID ANDERSEN, Partner, HWL Ebsworth Lawyers
- Risks for employers-Workers Compensation and Common Law
- Risks for occupiers
- Causation issues
- Due diligence obligations-managing risk

11.50 pm
Topic 6

Case Study
The panel will consider the issues raised earlier in the morning in the context of a case study concerning the use of a wifi network in a school and the affect it has on a student who has Electro-Hypersensitivity Syndrome (EHS).

MS JENNE TZAVARAS and MR PAUL WENTWORTH
Expert Witnesses
PROFESSOR RAY KEARNEY
MR JOHN LINCOLN
DR PRIYANKA BANDARA
DR MARY REDMAYNE

12.50 pm
Comments by ROBYN WILLIAMS

1.00 pm
Close
I would like to attend

Title Mr/Mrs/Miss/Ms: ____________________________

First Name: ____________________________

Last Name: ____________________________

Firm/Organisation: ____________________________

Occupation: ____________________________ Postcode: ____________________________

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WIRELESS DEVICES: RISK, REGULATION, COMPLIANCE AND LIABILITY

Wednesday 14 October 2015 • 8.45 am – 1.00 pm
UNSW CBD Campus, Level 6, 1 O’Connell St Sydney

Course cost includes tuition, materials and refreshments

$440

Total Price includes GST

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