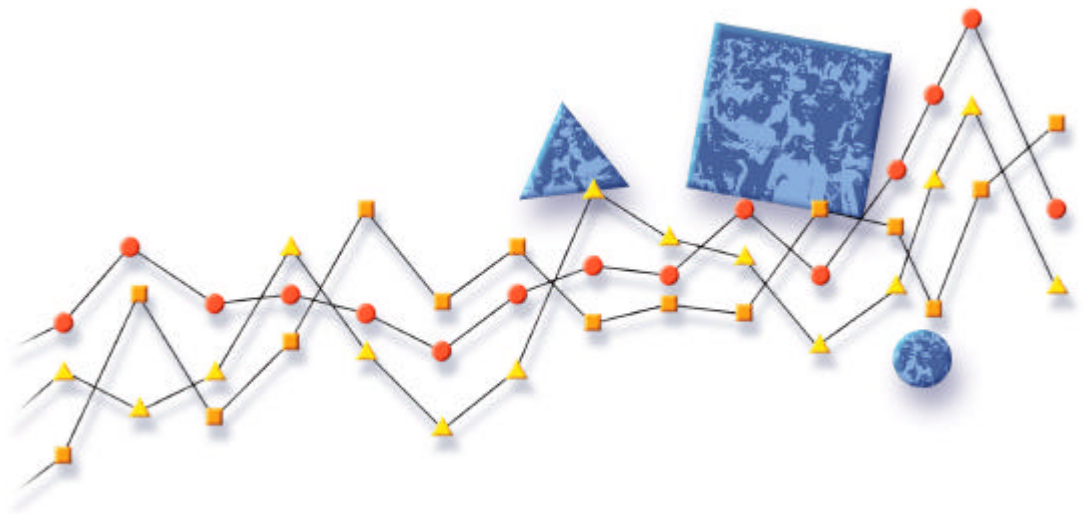
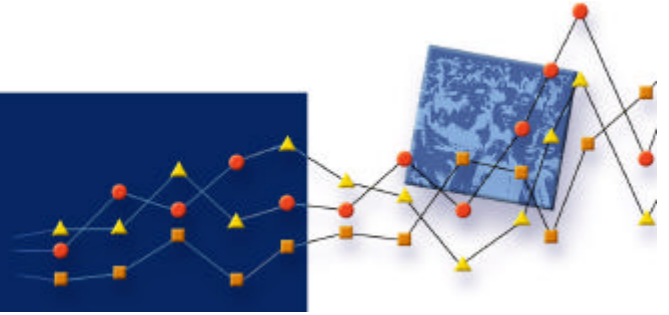


Centre for Public Health Research

Annual Report 2002



Contact Us



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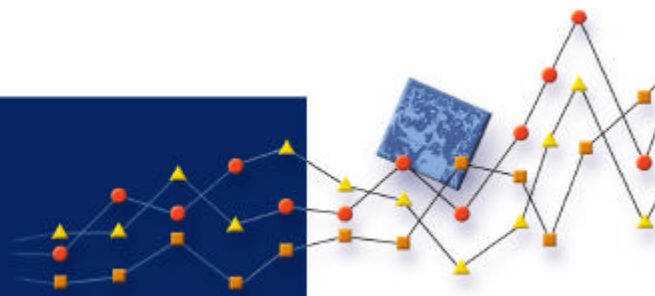
[Courier Address](#)

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This report is also available in downloadable form
from our website at:

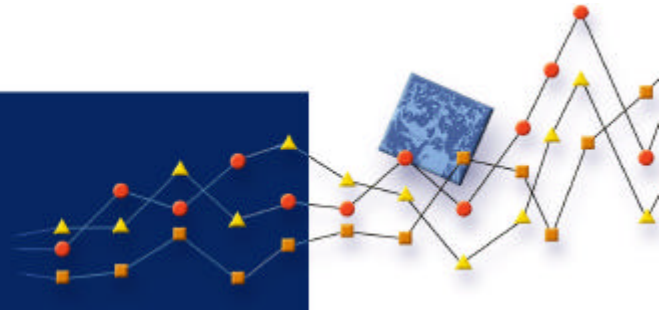
<http://publichealth.massey.ac.nz/>
<http://www.publichealth.ac.nz/>

Contents



Staff	4
Introduction	5
The Year in Review	7
Research Projects	12
Training	24
Annual Symposium	28
Presentations	29
Publications	31
Overseas Visitors	33
Acknowledgements	34

Centre for Public Health Research



Core staff

Neil Pearce – Professor
Audrey Hayman – PA
Allison Clark - PA
Lois Grant-Hroch – Webmaster
Soo Cheng - Biostatistician

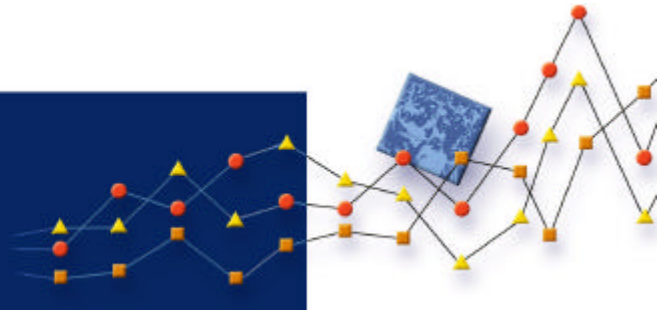
Researchers

Aroha Webby – Research Assistant
Ate Moala – HRC Pacific Health Research Training Fellow
Catherine Cohet – Postdoctoral Research Fellow
Charlotte Adank – Research Fellow
Christine van Dalen – Research Fellow
Claire MacDonald – Research Fellow
Dave McLean – HRC Public Health Research Training Fellow
Elizabeth Harding – Research Fellow
Helen Wilson – FRST Bright Futures Doctoral Research Fellow
Irihapeti Ramsden – HRC Erihapeti-Murchie Postdoctoral Research Fellow
Jeroen Douwes – Senior Research Fellow
Jill Parkin – Research Fellow
Lis Ellison-Loschmann – HRC Maori Health Research Training Fellow
Maarten Prause – Visiting Research Fellow
Merryn McAulay – Research Assistant
Michelle Gray – Research Fellow
Naomi Young – Research Assistant
Nyk Huntington – Research Fellow
Sunia Foliaki – Wellcome-Trust Research Fellow

Honorary Research Fellows

Bill Glass – Occupational Health

Introduction

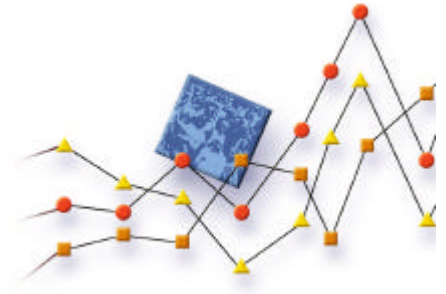


The Centre for Public Health Research is a multi-disciplinary team of researchers based on the Massey University Wellington campus. It is part of the Massey University Research School of Public Health, together with Te Pumanawa Hauora, the Sleep/Wake Research Centre and the Social and Health Outcomes Research and Evaluation (SHORE) Centre.

The Centre for Public Health Research was established in 2000. Our research programme covers all aspects of public health research, but with a focus on:

- Non-communicable diseases (respiratory disease, cancer, diabetes)
- Maori health
- Pacific health
- Occupational health
- Environmental health
- Socio-economic determinants of health

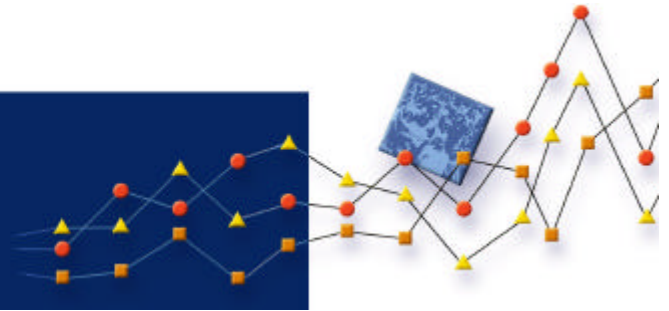
The Centre for Public Health Research recognizes the importance of the Treaty of Waitangi and its relevance to our work. We have a long history of involvement with Maori research and policy development including the Maori Asthma Review and the Wairarapa Maori Asthma Project. Much of our Maori health research is done in collaboration with Te Pumanawa Hauora, and our Maori asthma research involves a formal link with the Maori Committee of the Asthma and Respiratory Foundation of New Zealand. We are also committed to employing and training Maori health researchers.



The Centre is based in the College of Humanities and Social Sciences, but we also work with researchers at other Massey Colleges and campuses, as well as with researchers at other institutions including the Malaghan Institute for Medical Research (MIMR), Public Health Intelligence (Ministry of Health), Occupational Safety and Health (OSH), the Health Services Research Centre (Victoria University), the Population and Environmental Health Group of the Institute for Environmental Science and Research (ESR), the Massey University Veterinary Epicentre and the Institute for Risk Assessment Sciences (IRAS) at the University of Utrecht (The Netherlands).

Although our main activity is research, we also work with organisations such as the Ministry of Health, Occupational Safety and Health (OSH), and various non-governmental organisations, unions and companies to ensure that the findings of research are relevant to, and applied in, public health policy. In particular, we have served on a number of advisory committees for the Health Research Council, the Ministry of Health, and OSH.

The Year In Review



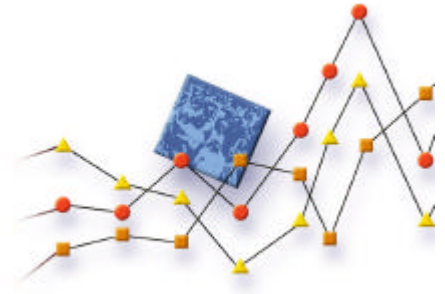
The Massey University Centre for Public Health Research (CPHR) was established in October 2000. The Centre has been very successful in the year 2002, both in terms of obtaining funding and producing outputs. In the annual Health Research Council (HRC) funding round we were successful in obtaining an HRC Programme Grant for \$1.25 million. In addition, we obtained grants from Lotteries Health Research, the Ministry of Health, and Occupational Safety and Health. In September 2002 we hosted the 11th Annual Scientific Meeting of the Australasian Epidemiology Association.

Two new public health research centres have recently been established at Massey. The Social and Health Outcomes Research and Evaluation (SHORE) Centre was established in Auckland on 1st July 2002 (Professor Sally Casswell, Director) and the Sleep/Wake Research Centre was established at Massey Wellington Campus on 1st February 2003 (Professor Philippa Gander, Director). These two new centres have now linked with the CPHR and Te Pūmanawa Hauora (Associate Professor Chris Cunningham, Director) to form the Massey University Research School of Public Health. Three of the four constituent centres are based in our Adelaide Road Building on the Massey Wellington campus.

Non-Communicable Disease

The main focus of our non-communicable disease research continues to be on

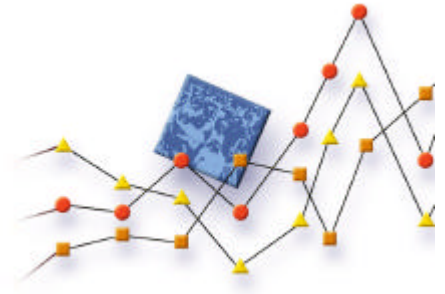
the causes and control of asthma, although we are also conducting studies in



cancer, and in more general health promotion and protection for non-communicable diseases. Asthma prevalence is increasing worldwide, but the underlying reasons for this increase are currently unclear. The “hygiene hypothesis” postulates that the global increases in asthma prevalence could be due to increased susceptibility due to the cleaner modern environment. Although this may involve an allergic (TH₁/TH₂) mechanism, it is becoming increasingly accepted that non-allergic mechanisms may play an important role in asthma. In this context, we received funding for two major new asthma projects in 2002, both of which are being conducted in collaboration with the Malaghan Institute for Medical Research. The first study is examining the risk of asthma in farmers’ children and their parents.

Studies in Europe suggest that children growing up on farms are at lower risk of developing asthma, whereas adult farmers are at greater risk of asthma exacerbations. It is important to determine whether these patterns also occur in New Zealand and to establish the likely mechanisms of the protective effect. The second study is investigating the importance and nature of allergic and non-allergic mechanisms for childhood asthma. We are also continuing to work on previously funded studies of the subsequent risk of asthma in children experiencing serious infections early in life, and the International Study of Asthma and Allergies in Childhood (ISAAC). We have completed the ISAAC Phase III study in Wellington, and Dr Sunia Foliaki is Regional Coordinator for Oceania.

Occupational And Environmental Health



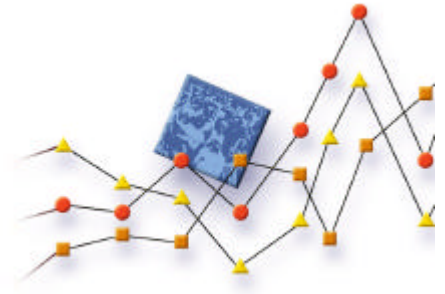
In addition to occupational asthma research (including studies of saw mill workers and plywood mill workers) we are conducting a number of studies of occupational causes of cancer, including studies of cancer incidence and mortality in meat workers. With funding from OSH, we have investigated the feasibility of conducting studies on the health of New Zealand timber workers exposed to PCP. We concluded that sufficient information was available to enable studies to be conducted. Dave McLean and Neil Pearce are members of the OSH Cancer Panel which is investigating cases of occupational cancer, particularly bladder cancer, non-Hodgkin's lymphoma, leukemia and nasopharyngeal cancer.

We have now received funding from the HRC to develop a series of case-control studies of these four sites, to quantify the proportion of cases of these cancers due to known occupational exposures, and to identify new occupational causes of these cancers. Dave Mclean is a member of the Ministry of Health Organochlorines Technical Advisory Group. We are also assisting with a study of cell phones and brain tumours being conducted by Alistair Woodward (Wellington School of Medicine). In September 2002 we held a very successful Symposium on Priorities in Occupational Health and Safety (see page 30). This was the second of a series of Annual Symposia in Health Research and Policy.

Maori Health

An investigation of asthma in Maori adolescents is being conducted by Lis Ellison-Loschmann, Aroha Webby and Michelle Gray. Asthma

prevalence is similar in Maori and non-Maori children, but Maori suffer from more severe asthma and more long-term



problems. This study involves surveying Maori adolescents, with current asthma symptoms, to examine the relationship

between asthma severity and access to asthma education and asthma health care in this young population.

Pacific Health

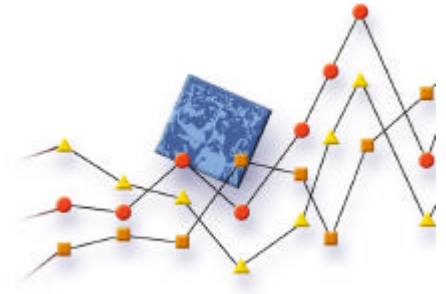
Sunia Foliaki is being funded by a Fellowship from the Wellcome Trust to coordinate the ISAAC Phase III study in the Pacific, and to develop a broader programme of research into the epidemiology of non-communicable disease in the Pacific. The ISAAC Phase III study is currently

being conducted in Tonga, Samoa, Fiji Islands, Cook Islands, Niue, and the Tokelau Islands. Ate Moala is conducting PhD research into the development of a health promotion model for Pacific adolescents and their families with funding from an HRC Pacific Health Research Training Fellowship.

Socioeconomic Determinants Of Health

Neil Pearce has studied socioeconomic determinants of health in New Zealand for many years, with the initial analyses covering the period of the 1970s. This work has now been updated and has shown that although New

Zealand men are generally getting healthier and living longer, the gap in life expectancy between rich and poor is continuing to increase. We have also continued to be involved in research into socio-



economic determinants of health being conducted by other research groups and institutions, including involvement in the New Zealand Census

Mortality Study (Tony Blakely, Wellington School of Medicine) and work with Peter Davis (Christchurch School of Medicine).

Other Projects

Irihapeti Ramsden is investigating Kawa Whakaruruhau/Cultural Safety in the international context with funding from an HRC Erihapeti Rehu-Murchie Postdoctoral Research Fellowship.

Helen Wilson has been awarded a FRST Bright Futures Doctoral Fellowship for a participatory action research study of teenage mothers and their perceptions of successful parenting.

Concluding Remarks

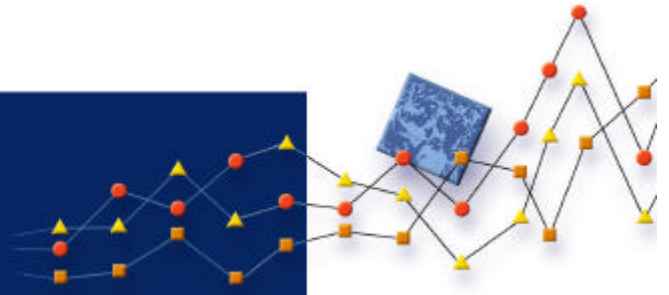
In closing we wish to thank all research collaborators involved in our various projects who have played an important role in ensuring a productive year, the agencies who have funded this programme of research,

and all those who have participated in our studies.

We also wish to thank Massey University and its staff for its excellent support for our research programme.

Research Projects

Projects completed during 2002



1. Feasibility study of research on the health of New Zealand timber workers exposed to PCP

AIMS:

1. To examine the feasibility of conducting mortality and cancer incidence studies or cross-sectional studies of New Zealand timber workers exposed to PCP.

FUNDING: Occupational Safety and Health (OSH)

RESEARCHERS: Dave McLean, Neil Pearce

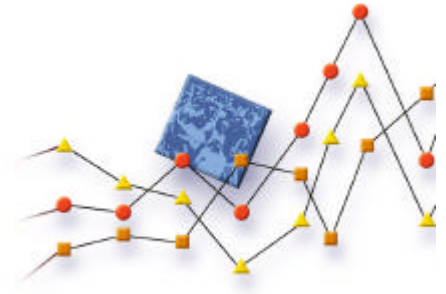
KEY WORDS: Cancer, Occupation, Dioxin

KEY FINDINGS:

Sufficient exposure and employment records exist to enable a valid study of health outcomes among former

timber workers exposed to PCP to be conducted.

2. Early childhood infections and subsequent asthma risk



AIMS:

1. To investigate the associations between infections in infancy and the subsequent risk of childhood asthma, using the ESR EpiSurv database.

FUNDING: Health Research Council of New Zealand (HRC)

RESEARCHERS: Neil Pearce, Soo Cheng, Claire Macdonald, Nyk Huntington, Jeroen Douwes, Catherine Cohet

COLLABORATORS: Dr Michael Baker (Environmental Sciences And Research (ESR), Professor Graham Le Gros (Malaghan Institute Of Medical Research)

KEY WORDS: Asthma, Respiratory Disease, Child Health

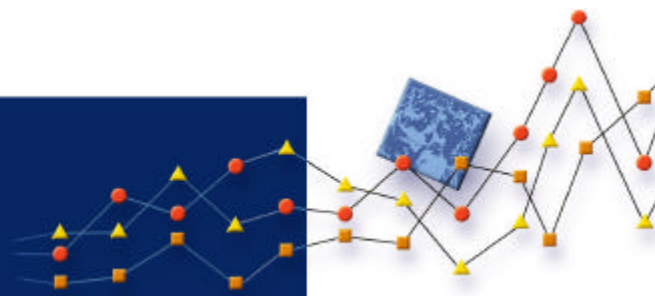
KEY FINDINGS:

Children who experienced infections in infancy were not at any greater risk of subsequently developing asthma. However, the use of

antibiotics or paracetamol early in life was associated with an increased risk of subsequently developing asthma.

Current Research Projects

Ongoing projects



3. Kawa Whakaruruhau/cultural safety in the international context

AIMS:

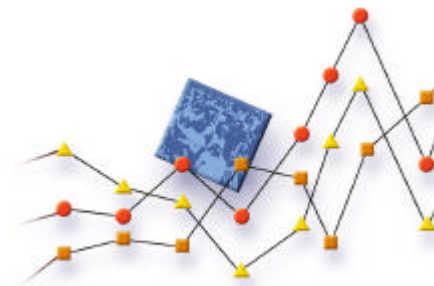
1. To undertake an international literature search and compile an accessible body of work on cultural safety in the international context.
2. To investigate parallels to Cultural Safety in education of health professionals (and others) in the area of indigenous health issues.
3. To characterise successful programmes and educational strategies in Cultural Safety
4. To identify the relationship with the development of health policy
5. To develop data on the specific requirements of Maori entering the health professions with a focus on decolonisation and skill development in matauranga Maori

FUNDING: Health Research Council of New Zealand (HRC)

RESEARCHERS: Irihapeti Ramsden

KEY WORDS: Cultural Safety, Indigenous Health, Maori Health, Nursing

4. Causes of morbidity, and factors affecting access to health services in Maori adolescents with asthma



AIMS:

1. To estimate the proportion of Maori students, with asthma or asthma symptoms, who are receiving asthma medication, asthma education and using asthma management plans.
2. To identify what factors affect asthma severity in Maori students.
3. To identify and describe barriers to accessing asthma health care and asthma education of experienced by Maori students.

FUNDING: Health Research Council of New Zealand

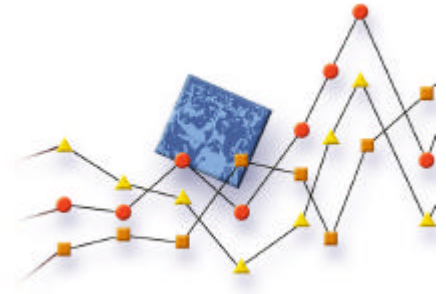
RESEARCHERS: Lis Ellison-Loschmann, Aroha Webby, Michelle Gray, Irihapeti Ramsden, Neil Pearce

KEY WORDS: Asthma, Respiratory Disease, Maori

5. Development of a model of health promotion for fanau Pasifiki and their families

AIMS:

1. To determine: (a) what constitute measurable positive Pacific health outcomes; (b) the key health indicators; (c) effective health promotion service delivery mechanisms; (d) the criteria for effective health promotion for fanau Pasifiki and their families.
2. To develop a Pacific health promotion model.
3. To perform an evaluation for the model on several 'case-study' health promotion programmes.



FUNDING: Health Research Council of New Zealand
RESEARCHERS: Ate Moala
COLLABORATORS: Sitaleki Finau (Fiji School of Medicine)
KEY WORDS: Health Promotion, Pacific Health

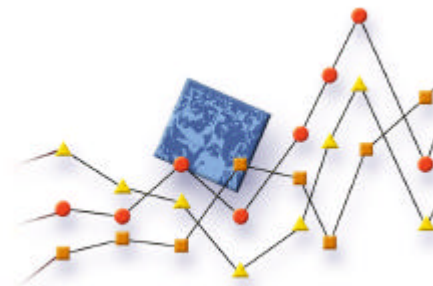
6. A participatory action research study of teenage mothers and their perceptions of successful parenting

AIMS:

1. To work alongside teenage mothers as they explore how they parent and what enables them to parent successfully.
2. To facilitate the documentation of their findings in a form that can be disseminated, not only to help other young mothers, but to inform public policy and professional practice

FUNDING: FRST Bright Futures Doctoral Fellowship
RESEARCHERS: Helen Wilson
COLLABORATORS: Professor Robyn Munford, Dr Annette Huntington (Massey University)
KEY WORDS: Maternal and Child Health

7. ISAAC (International Study Of Asthma And Allergies In Children). Phase III



AIMS:

1. To describe the prevalence and severity of asthma, rhinitis and eczema in children living in different centres and to make comparisons within and between countries.
2. To conduct ecologic analyses of the association of asthma prevalence with factors such as diet, infections, immunisation, air pollution and allergen levels.
3. To examine trends in asthma prevalence over time.
4. To provide a framework for further etiological research into genetic, lifestyle, environmental and medical care factors affecting these diseases.

The International Study of Asthma and Allergies in Childhood (ISAAC) was developed and organized together with colleagues in

Auckland, London and Münster. This study now includes more than 750,000 children in more than 170 centres in 60 countries.

Our involvement includes:

- Sunia Foliaki is Regional Coordinator for Oceania and a member of the ISAAC Steering Committee
- We are participating in the New Zealand ISAAC Phase III survey, and conducting the survey in Wellington.
- Neil Pearce is a member of the ISAAC Executive and ISAAC Steering Committee, and is the ISAAC Publications Coordinator.

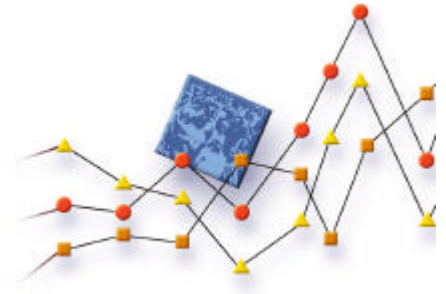
FUNDING: Health Research Council of New Zealand (HRC)
Wellcome Trust

RESEARCHERS: Neil Pearce, Nyk Huntington, Claire Macdonald, Lis Ellison-Loschmann, Sunia Foliaki, Soo Cheng

COLLABORATORS: Dr I. Asher (Auckland Medical School) and many other colleagues in more than 170 centres in 60 countries

KEY WORDS: ISAAC, Asthma, Respiratory Disease, Child Health

8. Non-allergic causes of asthma



AIMS:

1. To study airway inflammation in asthmatic and non-asthmatic children.
2. To assess whether childhood asthma can be divided into two (or more) inflammatory sub-types: allergic and non-allergic asthma.
3. To assess the relative importance of non-allergic asthma in a random sample of asthmatic children.
4. To assess whether allergic and non-allergic asthmatics differ with respect with bronchial re-activity, skin prick test results, disease severity and medication use.

FUNDING: Health Research Council of New Zealand, Lotteries Health Research

RESEARCHERS: Elizabeth Harding, Jill Parkin, Jeroen Douwes, Neil Pearce, Catherine Cohet, Christine van Dalen

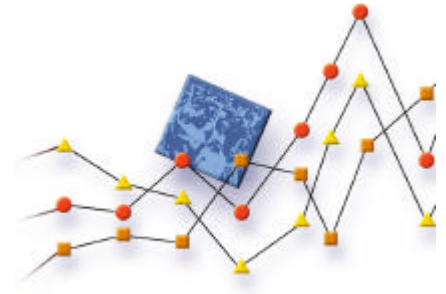
COLLABORATORS: Professor Graham Le Gros, Dr Jacqui Harper (Malaghan Institute), Professor Peter Gibson (John Hunter Hospital, Newcastle, Australia), Dr Ian St George, Dr Wallace Farquhar (John St Doctors), Dr Angela Zacharasiewicz (University of Vienna)

KEY WORDS: Asthma, Respiratory Disease, Child Health

9. Mortality and cancer incidence in meat workers

AIMS:

1. To investigate mortality and cancer risk in meat workers.



2. To ascertain which aspects of meat work may be associated with an increased risk of specific cancers.

COLLABORATORS: Dr Paolo Boffetta, Dr Paul Brennan
(International Agency For Research On Cancer)

KEY WORDS: Cancer, Occupation

FUNDING: Health Research Council of New Zealand (HRC)

RESEARCHERS: Dave Mclean, Neil Pearce, Soo Cheng

COLLABORATORS: Dr Paolo Boffetta, Dr Paul Brennan
(International Agency For Research On Cancer)

KEY WORDS: Cancer, Occupation

10. Occupational cancer in pesticide producers and sprayers exposed to dioxin

AIMS:

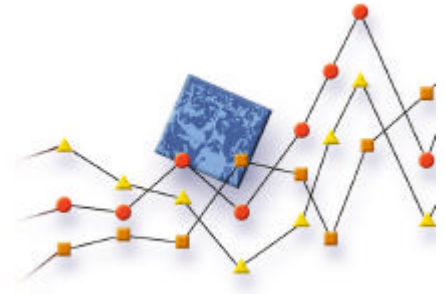
1. To examine the long-term effects on mortality and cancer incidence in production workers and pesticide sprayers exposed to phenoxy herbicides, chlorophenols and dioxin contaminants.

FUNDING: Lotteries Health Research

RESEARCHERS: Dave McLean, Neil Pearce, Soo Cheng

KEY WORDS: Cancer, Occupation, Pesticides, Dioxin

11. Asthma and atopy in farmers' children and their parents



AIMS:

1. To measure the prevalence of respiratory symptoms (with the focus on asthma) in farmers' children and their parents, and in a comparison group from a non-farming population;
2. To compare the prevalence of respiratory symptoms in children and parents in various types of farming (dairy, sheep & beef, and crop farming);
3. To measure the prevalence of atopy in a sample of children and their parents (farming and non-farming) in order to ascertain whether any protective effect of farming involves atopic mechanisms;
4. To measure relevant environmental exposures in a sample of households (farming and non-farming) including house dust allergen and endotoxin, and to examine their association with the occurrence of atopy and asthma, while adjusting for other risk factors for asthma.

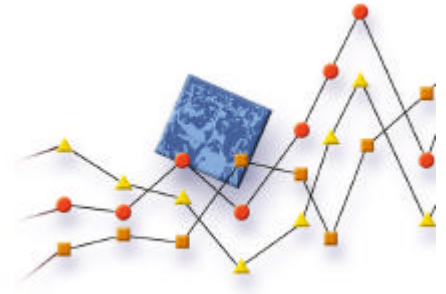
FUNDING: Health Research Council

RESEARCHERS: Jeroen Douwes, Neil Pearce, Soo Cheng, Catherine Cohet, Charlotte Adank

COLLABORATORS: Dr Joanna McKenzie (Massey University Veterinary Epicentre), Professor Graham Le Gros (Malaghan Institute of Medical Research), Dr Erika Von Mutius (University Children's Hospital, Munich, Germany)

KEY WORDS: Asthma, respiratory disease, child health, occupation

12. Occupational cancer in adult New Zealanders



AIMS:

1. To obtain an overview of the importance of occupational factors for these cancer types in New Zealand.
2. To quantify the proportion of cases due to known occupational causes.
3. To identify new occupational causes of these cancers.

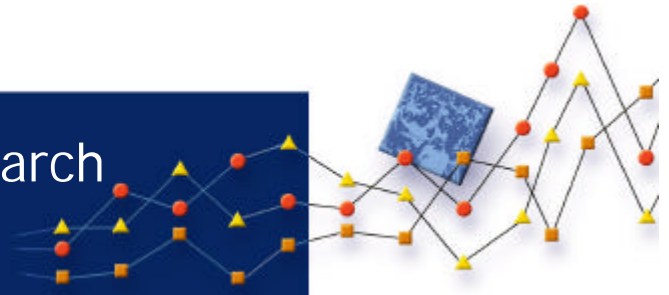
FUNDING: Health Research Council, Lotteries Health Research

RESEARCHERS: Dave Mclean, Neil Pearce, Soo Cheng, Andrea 't Mannetje

COLLABORATORS: Dr Evan Dryson, Dr Chris Walls (OSH), Professor Hans Kromhout (IRAS, University of Utrecht, The Netherlands), Dr Paolo Boffetta (IARC, Lyon, France), Dr Aaron Blair (NCI, Washington DC, USA)

KEY WORDS: Occupation, cancer

Projects Based In Other Research Groups And Institutions



1. Health effects of mobile (cellular) phones

AIM:

1. To investigate whether mobile phone use causes brain cancer.

COLLABORATORS: Professor Alistair Woodward, Dr Angus Cook (Wellington School of Medicine), Dr Elizabeth Cardis International Agency for Research on Cancer (IARC)

CPHR RESEARCHERS: Neil Pearce

KEY WORDS: Cancer, Environmental Health

2. The New Zealand Census Mortality Study

AIM:

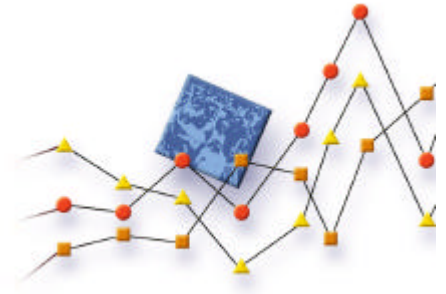
1. To investigate measure socio-economic differences in mortality in New Zealand

COLLABORATORS: Dr Tony Blakely, Dr Clare Salmond, Professor Alistair Woodward, June Atkinson, Jackie Fawcett (Wellington School of Medicine), Dr Cindy Kiro (Massey University), Professor Peter Davis (Christchurch School of Medicine)

CPHR RESEARCHERS: Neil Pearce

KEY WORDS: Social Class, Mortality

3. Occupational cancer in developing countries



AIMS:

1. To update and extend a previously published report on occupational cancer in developing countries

COLLABORATORS: Dr Paolo Boffetta (International Agency for Research on Cancer), Dr Manolis Kogevinas (IMIM, Barcelona, Spain)

CPHR RESEARCHERS: Neil Pearce

KEY WORDS: Cancer, Occupation, Social Class, Mortality

4. Estimating the long-term health outcomes of people with epilepsy

AIMS:

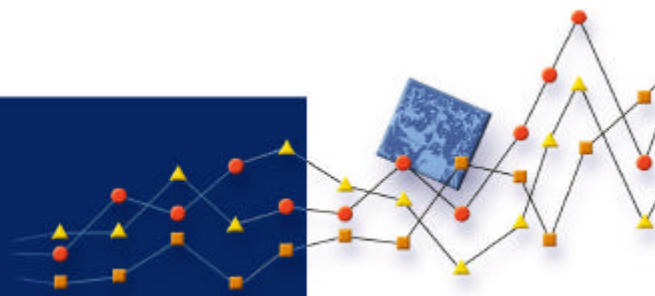
1. To establish an epilepsy register in Tasmania
2. To undertake a cross-sectional study of this community sample of people with epilepsy to investigate the prevalence of epilepsy syndromes, and their severity, epilepsy-related injuries and health service utilization
3. To establish a community cohort of people with epilepsy which can be followed prospectively to monitor health outcomes, measure risk factors contributing to these outcomes if indicated (with second stage case-control studies), and perform intervention trials if considered appropriate

COLLABORATORS: Dr Wendyl D'Souza, Dr Mark Cook, Dr Terry O'Brien (St Vincent's Hospital, Melbourne), Dr Bruce Taylor (Hobart Hospital, Tasmania), Professor Terry Dwyer (Menzies Centre, Hobart, Tasmania)

CPHR RESEARCHERS: Neil Pearce

KEY WORDS: Epilepsy

Training Doctoral



Dave McLean

HRC Public Health Research Training Fellow

Title: Mortality And Cancer Incidence In Meat Workers.

*Supervisors: Neil Pearce, and Professor Alistair Woodward
(Wellington School of Medicine)*

Ate Moala

HRC Pacific Health Research Training Fellow

Title: Health Promotion In Pacific People

*Supervisors: Neil Pearce and Dr Sitaleki Finau (Fiji School
of Medicine)*

Lis Ellison-Loschmann

HRC Maori Health Research Training Fellow

Title: Asthma In Maori

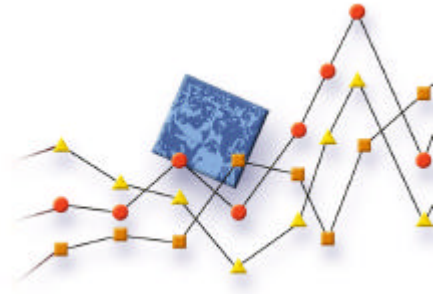
Supervisors: Neil Pearce and Irihapeti Ramsden

Helen Wilson

FRST Bright Futures Doctoral Fellow

**Title: Teenage Mothers' Perceptions Of Successful Parenting:
A Participatory Action Study.**

*Supervisors: Professor Robyn Munford (Massey University Turitea
Campus), Associate Professor Annette Huntington (Massey
Wellington) and Neil Pearce*



Sunia Foliaki

Wellcome Trust Research Fellow

Title: Epidemiology of asthma in Pacific children

Supervisors: Neil Pearce and Jeroen Douwes

Wendyl D'Souza

Title: Is there a common susceptibility gene for epilepsy?

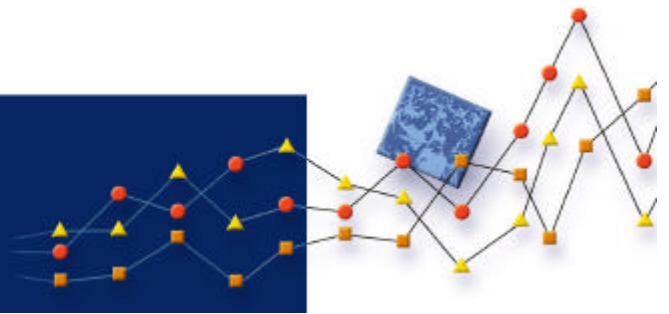
Supervisors: Neil Pearce and Professor Simon Eastaugh (ANU, Canberra)

Angus Cook

Title: Brain Cancer In Cell Phone Users

Supervisors: Professor Alistair Woodward (Wellington School of Medicine) and Neil Pearce.

Training Postdoctoral



Irihapeti Ramsden

HRC Erihapeti Rehu-Murchie Postdoctoral Research Fellow

Title: Kawa Whakaruruhau/Cultural Safety In The International Context.

Supervisors: Neil Pearce and Associate Professor Chris Cunningham (Te Pumanawa Hauora)

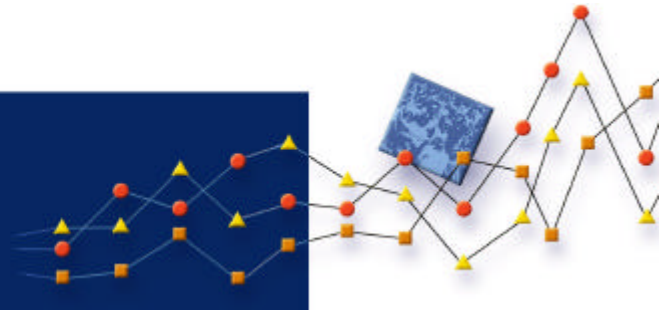
Catherine Cohet

Massey University Postdoctoral Research Fellow

Title: Non-allergic mechanisms of asthma

Supervisors: Neil Pearce, Jeroen Douwes and Professor Graham Le Gros (Malaghan Institute of Medical Research)

Training Other Fellowships



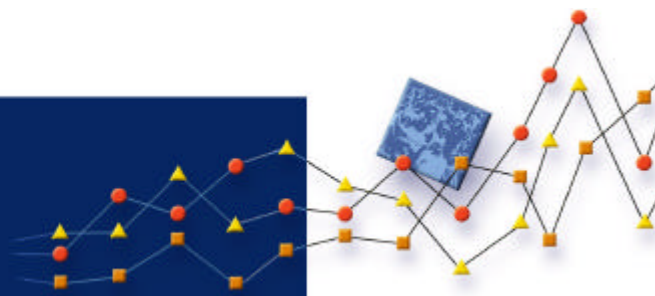
Sunia Foliaki

Wellcome Trust Travelling Research Fellowship

Title: Epidemiology Of Asthma And Other Non-Communicable Diseases In The Pacific.

Supervisor: Neil Pearce

Annual Symposium In Health Research And Policy



Priorities in Occupational Health and Safety

Massey Wellington Campus. Wednesday 4 September 2002

Keynote Speaker:

Dr Jorma Rantanen (*Finnish Institute of Occupational Health*) – Occupational health and safety in the 21st century

Other Speakers:

Hon Margaret Wilson (*Minister of Labour*)

Dave McLean (*Massey University*) – Occupational cancer

Associate Professor John Langley (*University of Otago*) - Occupational injury

Selwyn McCracken (*University of Otago*) – Occupational injury in Maori

Associate Professor Malcolm Sim (*Monash University, Melbourne*) – Occupational respiratory disease

Associate Professor Philippa Gander (*Wellington School of Medicine*) – Occupational fatigue

Rashmi Rajan, Mary Adams (OSH) – Social consequences of occupational injury and illness

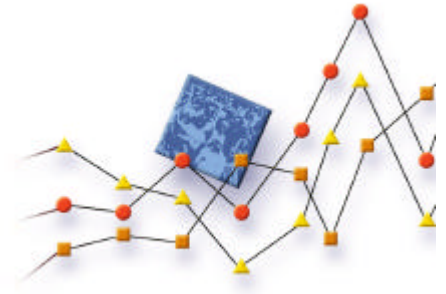
Dr Bill Glass (OSH) – Implications for policy

Frank Darby (OSH) – OSH's priorities for occupational health

Dr Evan Dryson (OSH) – The OSH Occupational Cancer Register

Assoc Professor Anthony Lamontagne (*Monash University, Melbourne*) – Improving OHS policy through intervention research

Dr Michelle Sullivan (HRC) – The HRC/OSH/ACC Joint Research Portfolio on occupational health and safety



David Wutzler (*Employers and Manufacturers Association*), **Bella Pardoe** (*Council of Trade Unions*), **Bob Hill** (*OSH*), **Dave McLean** (*Massey University*) – Concluding remarks

This was the second in a series of Annual Symposia in Health Research and Policy. The symposium was organised by the Centre for Public Health Research (Massey University), and Occupational Safety and Health (OSH) with funding support from OSH and Massey University. The

presentations and written manuscripts are available in downloadable form on our website. An edited version of the Symposium proceedings will be available on the website as a downloadable pdf file, and will also be published in hard copy in mid-2003.

Presentations

European Respiratory Society Research Seminar on Post Genome Respiratory Epidemiology

Paris, France.

January 2002

Pearce N. The impact of recent genetic trends on the performance of epidemiology.

XVI IEA World Congress of Epidemiology

Montreal, Canada

August 2002

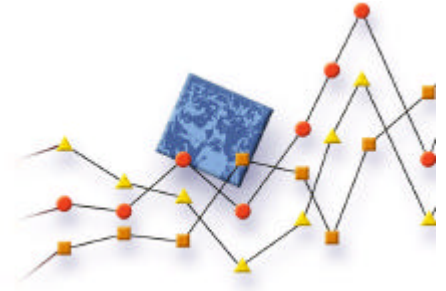
Pearce N. International health and international epidemiology.

XII Annual Meeting of the Australasian Epidemiological Association

Wellington

September 2002

Blakely TA, Woodward AW, Pearce NE, Salmond C, Kiro



C, David P, Atkinson J, Collings S, O'Dea, Blaiklock A. New Zealand Census-Mortality Study findings for 1991-94: Socio-economic factors and mortality, unemployment and suicide, income inequality and mortality. *Australasian Epidemiologist* 2002; 9.3: 26 (abstract).

Foliaki S, Pearce N, Potoi N, Waqatakirewa L, Paka H, Fakakovi T. The International Study of Asthma and Allergies in Childhood (ISAAC) in the Pacific. *Australasian Epidemiologist* 2002; 9.3: 34 (abstract).

Fransman W, McLean D, Douwes J, Pearce N. Respiratory symptoms and occupational exposure in New Zealand plywood mill workers. *Australian Epidemiologist*, 2002; 9.3: 15 (abstract).

McLean D, Teschke, K, Kauppinen T, Andersen A, Jappinen P, Szadkowska-Stanczyk I, Pearce N, Persson B, Bergeret A, Facchini LA, Kishi R, Kielkowski D, Rix BA, Nenneberger P, Sunyer J, Colin D, Kogevinas M, Boffetta P. Mortality from cancer of workers exposed to

oranochlorines in the pulp and paper industry. *Australasian Epidemiologist* 2002; 9.3: 15(abstract).

16th EPICOH Congress on Epidemiology in Occupational health

Barcelona, Spain.

September 2002

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Douwes J, Demers P, Leung

V, Pearce N. Respiratory

symptoms and occupational

exposure in New Zealand

plywood mill workers. *Med Lav*

2002; 93: 451 (abstract).

National Maori Asthma Hui

Wainuiomata Marae,

Wainuiomata

August 2002

Pearce N. The Maori Asthma

Review

Ellison-Loschmann L. Time trends and regional differences in asthma in Maori

International Symposium on Agricultural Exposures and Cancer

Oxford, United Kingdom.

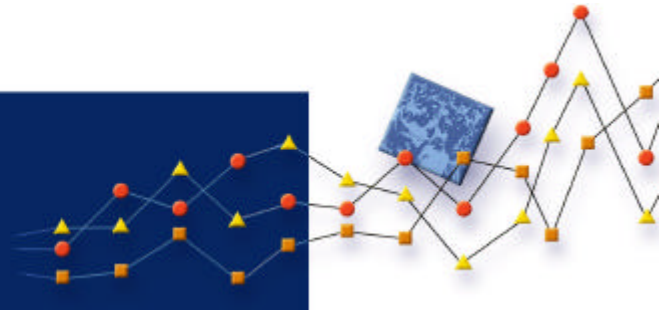
November 2002

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exposures and non-Hodgkin's

lymphoma.

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Blakely T, Pearce N. Socioeconomic position is more than just NZDep. NZ Med J 2002; 115: 109-11.

Blakely T, Woodward A, Pearce N, Salmond C, Kiro C, Davis P. Socio-economic factors and mortality among 25-64 year olds followed from 1991 to 1994: The New Zealand Census Mortality Study. NZ Med J 2002; 115: 93-7.

Carel R, Boffetta P, Kauppinen T, Teschke K, Anderson A, Jäppinen P, Pearce N, Rix BA, Bergeret A, Coggon D, Persson B, Szadkowska-Stanczyk I, Kielkowski D, Henneberger P, Kishi R, Facchini LA, Sunyer J, Colin D, Kogevinas M. Exposure to asbestos and lung and pleural cancer mortality among pulp and paper workers. J Occup Environ Med 2002; 44: 579-84.

Douwes J, Gibson P, Pekkanen J, Pearce N. Non-eosinophilic asthma: importance and possible mechanisms. Thorax 2002; 57: 643-8.

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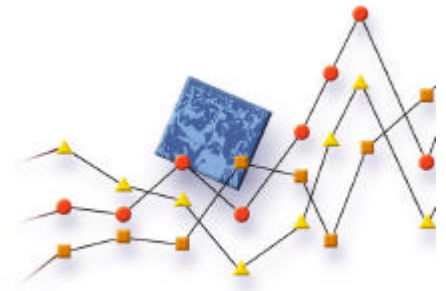
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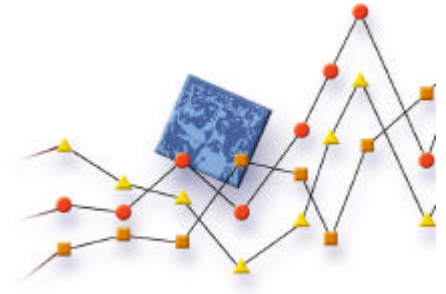
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Other Publications

Pearce N. Let's abolish social capital punishment! PHA News 2002; 5.2: 1-2.

Pearce N. Allergens and asthma: much ado about nothing? PHA News, 2002; 5.4:3-4.

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Oxford University
Oxford, United Kingdom

Lisa Jackson-Pulver
South East Sydney Public
Health Unit
Sydney, Australia

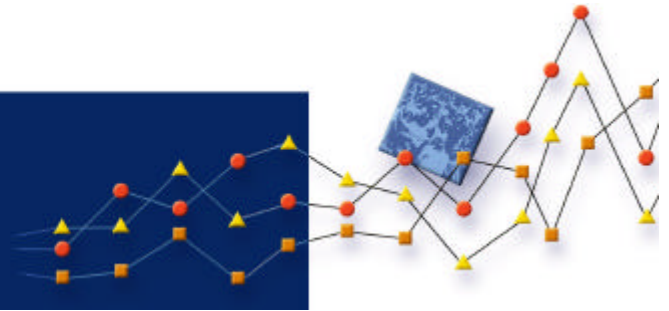
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Health Research Council
of New Zealand

Te Kaitiaki Rangahau Hauora o Aotearoa

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- OSH (Occupational Safety and Health)
- Ministry of Health
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