

EXHIBIT K

Statement - Professor Dawn Elder, 15 February 2019

1. My full name is Dawn Elizabeth Elder. I am a registered medical practitioner.
2. I am currently a Consultant Paediatrician at Wellington Hospital & Professor and Head of the Department of Paediatrics and Child Health at the University of Otago, Wellington.
3. My qualifications are: Bachelor of Medicine, Bachelor of Surgery, Otago University 1980, Diploma of Child Health, Otago University 1985, Fellow of the Royal Australasian College of Physicians in the Specialty of Paediatrics 1992, Doctor of Philosophy, University of Otago 2010.
4. My PhD thesis (2010) was entitled 'Respiratory Variability in Infants and Children'.
5. I am specialist trained in both Neonatal Medicine and Paediatric Sleep Medicine.
6. With regards to the practise of Paediatric Sleep Medicine this includes the assessment of infants and children for whom there is concern about their breathing during sleep.
7. I worked clinically as a Neonatal Paediatrician at the Wellington Hospital Neonatal Intensive Care Unit from 1995 to 2004.
8. I have been working clinically as a Paediatric Sleep Medicine Specialist since 2005. This role includes the interpretation and reporting of overnight polysomnography studies undertaken on infants and children.
9. I also work clinically in the area of child protection and in this context throughout my career I have been involved in the examination of children referred by the New Zealand Police and by the child protection agency Oranga Tamariki (previously known as Child Youth and Family).
10. I have also been involved in the investigation of the deaths of children thought to have died after inflicted injury by a caregiver.

11. From Dec 2011 to Dec 2016 I was a member of Family Violence Death Review Committee, which is a national committee charged with reviewing Family Violence Deaths in New Zealand.
12. I have an active research interest in the study of sudden unexpected death in infancy (SUDI) and am currently a co-investigator in the National Case Control SUDI study lead by Prof Ed Mitchell.
13. I have been the primary author or co-author of eleven peer-reviewed journal publications about research related to SUDI and my previous research on respiratory variability and sleep position in infants is also related to this topic.
14. I have been involved in the follow-up of families where a child has died suddenly and unexpectedly including discussing the post mortem report findings and clinical monitoring of any further children through the first year of life.
15. Within New Zealand I have acted as an expert witness for both the prosecution and the defence in cases before the court where allegations of child abuse have been considered and I have previously provided expert evidence to the Wellington Coroner in regard to infants who have died of SUDI. This is the term now more commonly used for children who were previously referred to as having died because of sudden infant death syndrome (SIDS). I have also provided expert opinion to both the prosecution and the defence in cases where a parent has been accused of manslaughter in relation to the death of an infant in a bed-sharing situation.
16. I have been asked to provide an opinion for the Inquiry into the convictions of Kathleen Megan Folbigg in regard to the deaths of her four children and in particular identify and explain any new research or advances since May 2003 within my areas of expertise that I consider relevant or possibly relevant to the causes of death of any of the children and / or the cause of the ALTE in respect of Patrick.
17. In doing so, I, Professor Dawn Elder, acknowledge for the purpose of Rule 31.23 of the Uniform Civil Procedure Rules 2005 that I have read the Expert Witness Code of Conduct in Schedule 7 to the said rules and agree to be bound by it.

18. In order to consider this opinion I have been provided with the following documents:

- a. Statement by Dr Barry John Springthorpe 3x attachments - dated 6/12/99
- b. Statement of Dr Ian Arthur Wilkinson re Patrick Folbigg – dated 12/03/99
- c. Statement of Dr Ian Arthur Wilkinson re Patrick Folbigg including Medical Certificate of cause of death of Patrick Folbigg – dated 8/10/99
- d. Expert Certificate of David Michael Cooper, paediatrician, including Physiological monitoring report and EEG Report – dated 6/12/99
- e. Expert Certificate and Statement of Dr Christopher Walker including contemporaneous notes – dated 18/01/00
- f. Expert Certificate and Statement of Dr Joseph George Dezordi including interim discharge letter and history, examination and progress notes – dated 17/02/00
- g. Expert Certificate and Statement of Dr Christopher Seton, paediatrician including sleep study reports and letters – dated 17/03/00
- h. Report of Dr Peter Berry – dated 11/00
- i. Report of Dr Janice Ophoven – dated 01/12/01
- j. Expert Certificate and Statement of Professor Peter Herdson – dated 17/01/02
- k. Report of Clinical Professor Roger W. Byard to Legal Aid – dated 18/10/02
- l. Medical Report of Professor Anthony Busuttill prepared for defence – dated 14/04/03
- m. Report of Professor Roger W Byard – dated 14/04/03
- n. Expert Certificate of Dr Susan Beal – dated 8/12/99

19. For the purposes of providing this report I have found the review of the cases that was undertaken by Dr Berry (11/00) to be particularly helpful as he has documented details of the clinical history as a preface to his discussion of the post mortem findings.

20. Opinion in regard to the death of Caleb Folbigg – DOB 1/2/89 DOD 20/02/89

- a. We reported in 2012 local data indicating that sudden unexpected death in a baby placed to sleep in a safe sleep position and with no other risk factors such as exposure to smoking in utero, is very unusual in the first month of life.¹
- b. I can think of no other recent research or new knowledge that would be relevant to the assessment of this death.

21. Opinion in regard to the death of Patrick Folbigg – DOB 3/6/90, DOD 13/02/91.

¹ Chiu M, Elder D, Zuccollo J. Gliosis in Neonatal SUDI cases. Acta Paediatr. 2012;101:30-33

- a. With regards to the initial hospital presentation of this child with the presumed (ALTE), the initial clinical impression documented in the written notes was that this could be a presentation of bronchiolitis with apnoea.
- b. This presentation could be consistent with the condition of bronchiolitis in a young infant but a review published in 2009 reported that apnoea with bronchiolitis is less common in healthy term infants and in infants above three months of age². This review found that in the more recent studies considered there was a <1% incidence of apnoea with RSV bronchiolitis in previously healthy term infants. Apnoea in association with bronchiolitis is classically seen in infants who were previously preterm and are admitted relatively soon after their discharge from the neonatal unit. With regard to Patrick's initial presentation the respiratory distress noted on admission did not appear to persist during the hospital stay as according to Dr Berry he was 'back to his normal self' the following day. Usually if there is apnoea as an initial presentation of bronchiolitis the illness persists for at least a few days.
- c. I am not qualified to comment on the clinical condition of sudden death in epilepsy or whether any new information might be available in this regard.
- d. I can think of no other recent research or new knowledge that would be relevant to the assessment of this death.

22. Opinion in regard to the deaths of Sarah Folbigg DOB 14/10/92 DOD 30/8/1993 and Laura Folbigg DOB 7/08/97 DOD 1/3/99

- a. Current knowledge in regards to sleep studies undertaken in healthy newborns in the first month of life indicates that they do have pauses in their breathing and associated drops in oxygen levels but these are usually short and they resolve over time. These recordings have never been shown to predict risk of SUDI or SIDS.
- b. I can think of no other recent research or new knowledge that would be relevant to the assessment of these deaths.



Dawn Elder

15th February 2019

² Ralston S, Hill V. Incidence of apnea in infants hospitalized with respiratory syncytial virus bronchiolitis: A systematic review. J Pediatr 2009;155:728-33.

CURRICULUM VITAE

Professor Dawn Elder

MB ChB, DCH, FRACP, Grad Cert Paediatric Sleep Science, PhD

Dept of Paediatrics and Child Health
University of Otago
Wellington

February 2019

Curriculum Vitae

1. Personal Information

Name: Dawn Elizabeth Elder

2. Qualifications

(a)	Qualification name:	Institution:	Date of Graduation:
	MB ChB	Otago University	1980
	DCH	Otago University	1985
	FRACP	RACP (Paediatrics)	1992
	Accreditation as Neonatal paediatrician	RACP	2001
	Graduate Certificate Paediatric Sleep Science	University of West Australia	2006
	Accreditation as Paediatric sleep physician	RACP	2008
	PhD	Otago University	2010
	Thesis title: "Respiratory Variability in Infants and Children"		

3. Professional Affiliations/Memberships

Royal Australasian College of Physicians
New Zealand Medical Association
Paediatric Society of New Zealand
New Zealand Perinatal Society
Perinatal Society of Australia and New Zealand
MEDSAC (Medical Assault Clinicians Aotearoa)
Australasian Sleep Association

4. Employment History

(a) Present Position

Deputy Dean, University of Otago, Wellington	Jan 19 - present
HOD Paediatrics, UOW	Mar 13 - present
Professor Paediatrics, UOW (0.6FTE)	Mar 13 - present
Consultant Paediatrician Paediatrics, CCDHB (0.5FTE)	Mar 13 - present

(b) Employment History

<i>Position Title</i>	<i>Department</i>	<i>Period of Employment</i>
Acting HOD	Paediatrics, UOW	Jul 11- Feb 13
Associate Professor	Paediatrics, UOW (0.5FTE)	Feb 12 – Feb13

Consultant Paediatrician	Paediatrics, CCDHB (0.6FTE)	Dec 04 – Feb13
Senior Lecturer	Paediatrics, UOW (0.5FTE)	Jan 95 - Jan 12
Paediatrician/Neonatologist	Paediatrics, CCDHB (0.7FTE)	Jan 95 – Dec 04
Locum Paediatrician (sexual abuse – part time)	PMH, Perth, WA	Aug 93 - Dec 94
SR Neonatology	KEMH, Perth, WA	Jan 93 - Dec 94
Review Contract	OAHB, Dunedin	Sep 92 - Dec 92
Research Fellow	Dept of Paediatrics Otago Medical School	Sep 91 - Sep 92
Paediatric Registrar	Dunedin Hospital	Jan 91 - Sep 91
Paediatric Registrar	PMH, Perth, WA	Jan 89 - Dec 90
Paediatric Registrar	Dunedin Hospital	Dec 86 - Dec 88
Paediatric SHO	Cambridge, UK	Feb 86 - Aug 86
Paediatric SHO	W Middlesex Hosp	Mar 85 - Sep 85
Locums	England	Dec 84 - Mar 85
Paediatric Registrar	Dunedin Hospital	Dec 83 - Dec 84
House Officer	Dunedin Hospital	Dec 82 - Dec 83
Hospital Locums	England	Dec 81 - Dec 82
House Officer	Dunedin Hospital	Dec 80 - Dec 81

5. Other Relevant Experience

(a) Experience working in an Overseas Country (not Previously Listed)

Visiting Neonatologist, Dept of Neonatal Paediatrics and O & G
University of Western Australia, Perth, WA
Study leave – November 2001-February 2002

(b) National / International Collaboration

International

- Dr Philip Terrill, Bioengineer, University of Queensland 2018. Exploring sharing of oximetry data from term and preterm infants to explore a variety of methods of analysis.
- Collaboration with Prof Chao Chen, Dept of Neonatology, Children's Hospital of Fudan University, Shanghai, China. Invited visitor to Shanghai October 2017.
Combined project in 2018 as part of Conway Niu's PhD project. Measuring intermittent hypoxia in preterm and term infants by oximetry.
- Collaboration with the Ritchie Centre, Monash University, Melbourne from 2011, on hold currently
Sharing polysomnography data collected on normal children and children with Down syndrome and Prader Willi Syndrome to download to analyse for cardiorespiratory interactions
- Wellington co-ordinator for International INIS study of Intragam for neonatal infection 2004-2010

2-year follow-up completed 2010

Paper Output: 33.

Listed in the acknowledgements of collaborators

- Australia, University of Adelaide, Research, Collection of FU data, ACTORDS trial, 2004-2005
Paper Outputs: 19, 22
Listed in the acknowledgements
- Australia, University of Adelaide, Research, Collection of FU data, ACTOMgSO4 trial, 2000
Paper: Crowther CA, Hiller JE, Doyle LW, Haslam RR et al. Effect of magnesium sulfate given for neuroprotection before birth. A randomized controlled trial. JAMA 2003;290:2669-2676.
Not listed on paper acknowledgements as only helped with follow-up for study infants who moved to Wellington
- Australia, King Edward Memorial Hospital Perth, Research, Analysis of Neonatal follow-up data, 1995-1998 while Senior Registrar
Paper Outputs: 4, 7

National

- Dept of Paediatrics, University of Auckland
Sudden unexpected death in infancy (SUDI) Nationwide case-control study. Principal Investigator Prof Ed Mitchell, listed as co-investigator – 2011 and current. HRC funded study. Member of Steering Group for this study. Ongoing papers in preparation.
Paper Output: 56, 59

Sudden unexpected death in infancy (SUDI) case-control feasibility study. Principal Investigator Prof Ed Mitchell, listed as co-investigator - 2012. HRC funded study.
- Massey University Wellington Sleep Wake Group
 - (i) Recording of sleep patterns in 12-month-old infants – 2006-2009. Paediatric advisor for Masters Thesis, R Gibson. Thesis completed
Papers Outputs: 36, 37
 - (ii) Sleep duration in school-aged children – 2008-2010 project completed - Masters Thesis completed, D Muller.
Paper Output 54
 - (iii) Sleep in Middle childhood – co-investigator (PI- Leigh Signal) Granting applications to Lotteries and HRC in 2010 not successful.
 - (iv) Developing Sleep Services that meet the needs of Maori (HRC-funded project) Member of the Health reference group for this national project -2010
 - (v) E Moe Mama: Maternal Sleep and Health in Aotearoa/New Zealand. Member of Reference Advisory Group 2010 - 2013. Lead Researcher Leigh Signal

- Wellington co-ordinator of National study on Gp B Strep in infants 1998-1999
Paper Output: 10
Named as local investigator
- RCT of Selenium for treatment of very low birthweight infants. Wellington co-ordinator of national trial. 1997-1998
Paper Output: 8

6. Research Activities

(a) Research Expertise

Neonatal medicine	Discharge assessment of preterm infants Sleep position – preterm infants Cardiorespiratory interactions Cardiorespiratory variability Definition of apnoea Mortality Review
Paediatric sleep medicine	Cardiorespiratory interactions Sleep disorders and sleep duration Autonomic Function Sleep in Prader Willi Syndrome Sleep problems in school-aged children Parental knowledge of child sleep
Sudden infant death syndrome	Death scene investigation Bedsharing Pathological findings
Child abuse	Fatal Family Violence Long-term effects of stress

Current Research Activity

- Follow-up of 12 hour oximetry in the first year of life in preterm infants and compared with term infants
 - Project lead by PhD student
- 24-Hour oximetry at discharge in preterm infants
 - Project lead by a BMedSc(Hons) student. Thesis Completed, two papers completed and one in preparation
- Sleep in primary school children in a community sample
 - Study lead by post-doctoral fellow Dr Philippa McDowall
 - One paper submitted 2 further papers in preparation
- Intrafamilial risk of OSA – data collection and analysis in progress, paper in preparation
- Cardioventilatory coupling in Prader Willi and Down syndrome children
 - Will use a dataset from the Ritchie Centre at Monash
 - Data will include a normal control group
 - The aim is to replicate my PhD findings in a larger dataset

Research and Study Leave

- 2001-2002 - Perth, West Australia. Commencement of PhD, 4 months
- 2007-2008 - Wellington. Analysis and write-up of PhD, 4 months
- 2018 –July to December, Dunedin

Wellington School of Medicine Collaborations – recent & current

Dept of Surgery & Anaesthesia

Assoc-Prof Duncan Galletly, Assoc-Prof Peter Larsen,

Cardioventilatory coupling in infants and children (PhD thesis)

Autonomic function in children

Dr Angela Campbell, Dept of Medicine

All current sleep-related research

Infant polysomnography,

Cardioventilatory coupling in infants and children (PhD thesis)

Dr Zuccollo, Dept of Obstetrics & Gynaecology

Neonatal Death Review

SUDI death review

Dept of Public Health

Reference Group for Obstetric Inequalities project – project not current

Dr Mark Huthwaite, Dept of Psychological Medicine

Effects of SSRIs in the newborn (ORG grant 2008 – completed 2009)

University of Otago collaborations - other schools

Assoc/Prof Barbara Galland, Prof B Taylor – Women's & Child Health – Dunedin

Collaboration on Review papers related to Paediatric Sleep issues.

Paper outputs 34, 39, 45, 48, 52, 60

Prof Rachael Taylor and Assoc Prof Barbara Galland. Clinical advisor to the DREAM study.

(b) Contract Research

With Dr Barbara Galland (Lead) and Prof Barry Taylor. –UOD.

Interventions for disability related sleep disorders in infants/children with TBI & SCI. Report commissioned by Accident Compensation Corporation, New Zealand.

– Report completed June 2011

(c) Research Grants

(1) Research grants as a first named principal researcher – last 10 years

2018 Priming Partnerships. University of Otago. Measurement of intermittent hypoxia in preterm and term infants: Defining the normal range. \$22,626.00, 1 year.

2018 Lotteries Board, Measurement of heart rate variability in clinical populations, Equipment Grant, \$2,038.

2017 Wellington Medical Research Foundation. Intermittent hypoxia in preterm and term infants in the first year of life: effects on growth, and measures of heart rate variability, \$4,289, 1 year

2015 University of Otago Wellington Grant in aid/ Goodnight Kiwi: Kei te moe ngā tamariki? Operating expenses \$5,000

2014 Wellington Medical Research Foundation, Goodnight Kiwi: Kei te moe ngā tamariki? [Are the children sleeping?] Equipment grant. \$5,415.

2014 Lottery Health, Masimo RAD-8 oximeters and software. Equipment grant. \$6,642. UOW top-up funding \$1,195.

2008 Lottery Health, SSRIs, infant sleep and activity. Equipment grant. \$37,673.

2004 Wellington Lodge 1521, Cardioventilatory coupling and cardiorespiratory stability in preterm infants. \$9405, 1 year

2001 Wellington Medical Research Foundation, Cardioventilatory coupling and cardiorespiratory stability in preterm infants, \$8,635, 1 year

2001 NZ Cot Death Association, Cardiorespiratory variables in preterm infants before and during a car seat trial prior to discharge from the neonatal nursery, \$11,890, 1 year

2000 Wellington Medical Research Foundation, Cardioventilatory coupling and cardiorespiratory stability in preterm infants, \$8,572, 2 years

(2) Research grants as a named contributing researcher – last 10 years

2018, Lotteries Board, Paediatric non invasive respiratory support - experiences of families in the NZ health system, Project Grant, \$30,979. Angela Campbell, Dawn Elder

2014 Maurice and Phyllis Paykel Trust, Goodnight Kiwi: Kei te moe ngā tamariki? [Are the children sleeping?] Grant-in-aid \$4,000. PI. Philippa McDowall, Angela Campbell, Dawn Elder

2013 Maurice and Phyllis Paykel Trust. Are children of parents with obstructive sleep apnoea (OSA) at an increased risk of OSA symptoms when young? PI Dr Angela Campbell, Dawn Elder, \$4,794, 1 year

2012 Hawkes Bay Medical Research Foundation, Talking to Babies in a Neonatal Intensive Care Unit: The impact of verbal soothing on measures of infant stress during painful procedures. PI Lucie Zwimpfer, PhD student. Primary Supervisor for this project. \$9,660, 1 year

2011 HRC, Sudden unexpected death in infancy (SUDI): Nationwide case-control study. Principal investigator Prof Ed Mitchell, H Te Wano, T Percival, A Stewart, D Elder, J Vuletic, N Baker, B Taylor, P Fleming, M Schlaud, University of Auckland \$1,180,131, 3 years

2011 Hawkes Bay Medical Research Foundation, What is the best method to monitor the severity of ongoing respiratory events in very preterm infants prior to

discharge from the neonatal nursery. Principal investigator, Dr Tamsin Roberts.
Primary Supervisor for this project \$4,279 1 year

2010 HRC, Sudden unexpected death in infancy (SUDI) case-control feasibility study. Principal investigator Prof Ed Mitchell, University of Auckland H Te Wano, T Percival, A Stewart, D Elder, J Vuletic, N Baker, B Taylor, \$150,750

2008 UORG, Effect of SSRIs on infants. Principal investigator Dr Mark Huthwaite, Dawn Elder \$17,510, 1 year

2007 Lottery Health, Factors affecting sleep patterns in infants. Other investigators: Rosie Gibson, Dawn Elder, Prof Philippa Gander, Massey University \$54,243

(d) Supervision of postgraduate students

Current

PhD Student: – Conway Niu

Topic: Oximetry at preterm discharge and follow-up in the first year of life

Enrolment: October 2016

Submission Date: December 2019

D Elder Primary Supervisor (50%)

A Campbell, P Larsen, co-supervisors

Finalist - Health Sciences Research Forum Student Poster Competition 2017

Awarded UOW PhD scholarship 2017

Completed postgraduate student supervision

PhD Student: – Lucie Zwimpfer

Topic: The Nurse as Psychotherapist: The impact of empathic attunement on infant cortisol levels during painful procedures

Enrolment: 1 November 2010 (some time out for parental leave, part-time)

Graduation Date: August 2017

D Elder Primary Supervisor (67%)

E Wiltshire Secondary Supervisor (33%)

Paper 1 listed in referred Journal Articles (No 42)

M Med Sci student: Tamsin (Tammy) Roberts

Research Fellow Advanced Trainee Neonatal Medicine

Topic: What is the best method to monitor ongoing respiratory events in very preterm infants prior to discharge from the neonatal nursery?

Enrolment: March 2011

Completion Date: December 2011

D Elder Primary Supervisor (80%)

Assoc-Prof Peter Larsen Secondary Supervisor (20%)

Co-investigators, Dr Angela Campbell

Funding secured through the University of Otago, Masonic Fellowship

The project also secured funding through Hawkes Bay Medical Research

Foundation Grant

Thesis completed,

Paper output listed in referred Journal Articles (No 57)

Advanced Trainee Paediatric Medicine – Shiree Gibbs
Topic: Nighttime sleep duration in children with Prader Willi Synd
Status: **D Elder** Co-supervisor (50%) Candidate not full-time in research.
E Wiltshire Co-supervisor
Commencement: Dec 2010
Completed: Dec 2011
Submitted as advanced trainee project for Royal Australasian College of Physicians
Paper output listed in referred Journal Articles (No 40)

Masters Student –Dee Muller, Sleep Wake, Massey University 2008-2010
Paediatric advisor to the project - co-author on presented abstract
Topic: Objectively and subjectively measured sleep of 6-8 year-old New Zealand Children
Data have been presented at conferences. Thesis awarded.
Paper output listed in referred Journal Articles (No 54)

Masters Student –Rosie Gibson, Sleep Wake, Massey University 2006-2009
Paediatric advisor to the project - co-author on presented abstract
Topic: Factors affecting sleep patterns in infants; a pilot study
Data have been presented at conferences.
Paper output listed in Referred Journal Articles (Nos 36, 37)

Masters student – Letitia Russell, Nurse, Wellington NICU 2002-2004
Paediatric advisor to the project – Combined research project
Topic: Polysomnography compared with clinically observed car seat trial prior to the discharge of preterm infants from the neonatal unit
Student won New Investigator award in Nursing category at the Perinatal Society of Australia and NZ Annual Scientific Meeting Sydney 2004
Paper output listed in Referred Journal Articles (No. 21)

Research - Thesis marking

1999 - B Med Sci thesis - Otago internal examiner
2000 - PhD thesis - Otago internal examiner
2011 – Masters thesis – Auckland External examiner
2011 – PhD thesis – Otago internal examiner
2012 – PhD thesis – Otago internal examiner
2014 – PhD thesis – Otago internal examiner
2018 – PhD thesis – Otago internal examiner -

7. Distinctions

Selected to be an Otago University attendee at the NZ Academic Women in Leadership Course June 2015.

Summer student Hamish Green won the UOW prize for best project and presentation 2012-2013

Invited to present the Kaarene Fitzgerald Memorial Lecture 2011 at the Monash Institute of Medical Research, Melbourne – June 14th 2011

PBRF Improvement Grant 2004

Lady King Research Scholarship, Otago University Sept 1991-1992
Research Topic. Hyperthermia in a Piglet Model

8. Teaching Activities

(a) Range and level of teaching last 5 years

(a) Undergraduate Teaching

i. 5th year teaching

Obstetric teaching programme

“Care of the normal and abnormal newborn”

Self-directed learning package

Paediatric teaching programme

Mark case histories for 2-3 students each group each year (12-18 case histories)

Self-directed learning resources

- Sleep Disorders
- Child Abuse and Neglect
- Enuresis and Encopresis

Tutorials – Communications skills 6 x 2 hours per year

Child Abuse 6 x 1 hour per year

Anticipatory Guidance 6 x 1 hour per year

Paediatric ethics teaching 6 x 1.5 hours per year

Involved in OSCE assessment and question marking

iii. Trainee intern teaching

“Neonatal Update” - now self-directed learning

“Developmental Assessment” – self directed learning – videos x 2

Involved in assessment of developmental skills

iv. Supervision of summer students

Summer student 1996-1997

Assessment of support services for families in the Wellington area who have had a child die because of the sudden infant death syndrome (SIDS) within the last ten years. Student supported by the Child Health Research Foundation Summer Studentship and a grant from SIDS Wellington.

Summer student 1997-1998

Investigation of child sexual abuse in the Wellington City District 1995-1996: A retrospective study.

Student supported by a summer Studentship.

Paper Output: 11

Summer student 1998-1999

Review of neonatal pathology at Wellington Hospital 1996-1998

Co-supervisor with Dr Jane Zuccollo

Presentation: Sanders T, Zuccollo J, Elder D. Review of Neonatal Pathology at Wellington Hospital 1996-1998 oral presentation for T Sanders, NZ Perinatal Society meeting, Wellington November 1999.

Summer student 2000-2001

Health Workers knowledge about SIDS risk factors and prevention.

Summer student 2004-2005

Review of 10 years of neonatal deaths at Wellington Hospital 1995-2004

Paper Outputs: 24, 26

Summer student 2006-2007

Review of sudden infant death in the Wellington Regional 1996-2005

Paper Output: 25

Summer student 2009-2010

10-year review of referrals to the coroner of deaths in the first month of life

Paper output: 35

Summer student 2012-2013

Pathology of fatal perinatal asphyxia – case review

Student won the UOW prize for best project and presentation

Summer student 2012-2013

Presence of Symptoms of OSA in children with Parents who suffer from OSA

Co-supervisor with Dr Angela Campbell

Data collection ongoing

Summer student 2014-2015

Current practices and guidelines regarding routine oxygen monitoring for preterm infants prior to discharge in Neonatal Intensive Care Units throughout New Zealand and Australia.

Student Runner up – oral presentation competition

Co-supervisor with Dr Angela Campbell

Paper output: 49

Summer student 2016-2017

Sleep Knowledge in School aged children (6-9years)

Co-supervisor with Dr Angela Campbell

v. Supervision of BMedSc(Hons) students

Grace Wellington – 2015

24-hour oxygen saturation recordings at discharge in very preterm infants

A- grade for thesis, Degree award 2016

Paper outputs: 58, 61. A third paper in preparation.

(b) Post-graduate Teaching

i. Diploma of Child Health

701 paper

Developed teaching material on Child Sexual Abuse - Revised 2011.

Revised the child protection module for 2012 and 2018 – now lead for this subject

Tutorial teaching on child abuse by teleconference – twice yearly

702 paper

Tutorial teaching on paediatric sleep disorders by teleconference – twice yearly

Regular involvement as examiner at bi-annual clinical examination.

Contributor to exam question development

ii. Diploma of Obstetrics and Gynaecology

Assisted in development of material for one module on the newborn for this course up until the end of 2013

Revised course material for 2006 and 2011 and 2012

Distance tutorials 2 x per year up to 2013

Involved in examination when clinical examination in Wellington up to 2012

Mark one set of assignments per group, 2 groups per year up to 2013

Wrote neonatal questions for OSCE and MCQs up to 2012

iii. Monash University, Melbourne - Masters in Forensic Medicine

2010 - Invited to contribute to the Monash University Forensic Medicine Study materials for the Masters in Forensic Medicine. Contributed a chapter on Child Sexual Behaviour to be used in the 2011 course for the Child and Adolescent Sexual Assault Paper.

2011 – Invited to convene the complete paper FOR4005 Child and Adolescent Sexual Assault in the Forensic Medicine Masters programme at Monash University as above. This included a face-to-face two day course in Melbourne. First semester completed as Convenor in early 2012. In this role from 2012-2015.

2012 – Invited to apply to be considered for the position of Adjunct Associate Professor in the Dept of Forensic Medicine, Monash University, Melbourne. No current involvement with Monash.

iv. Registrar Teaching

Involved in department teaching programme for RMOs

Involved in teaching at FRACP level in the department

v. Other teaching

Occasional teaching of Paediatric and Neonatal nurses

Teaching in the CCDHB Family Violence Intervention Programme Training

- (b) Development of significant innovations and/or publications in curricular student assessment, teaching procedures and teaching materials

i. Perinatal Teaching

1999 – 2004. Developed a perinatal teaching course in the 5th year Obstetric teaching programme. This was the first time that the perinatal teaching has been done as a combined approach with both obstetric and neonatal tutors involved in the tutorial. The aim of the new approach to teaching was to emphasise the continuity between fetal and postnatal life by illustrating how problems developing in the fetus during antenatal surveillance are managed perinatally and postnatally. It was difficult to keep this programme fully integrated because of staffing issues.

2005 – 2006. The programme continued with focus on the neonatal component and the only combined teaching was a whole-class birth asphyxia CPC in the pathology programme involving an obstetrician, a neonatal paediatrician and a perinatal pathologist. This tutorial concept did not continue due to staffing issues.

ii. Child Abuse and Neglect Teaching - New Zealand & Australia

In Dec 2003 convened a national meeting about teaching of child abuse and neglect in the paediatric departments of the two medical schools in New Zealand. A report of this meeting was written up and distributed to Heads of Department. Was also the leader in a presentation to the Australasian Paediatric Professorial Heads meeting in Wellington in May 2005 on teaching of child abuse in the medical school curriculum. This was followed by involvement in a combined presentation on this topic at the RACP meeting in Cairns, May 2006.

iii. 5th year Child Abuse teaching – Wellington

Responsible for development of the teaching programme in Child Abuse and Neglect at the University of Otago, Wellington. Development of self-administered powerpoint presentations on physical findings in child abuse and genital problems in children. These were developed in recognition that this was a very confronting topic for students and that the available direct contact teaching time needed to be spent exploring the issues related to child abuse and why it occurs rather than presenting facts about physical findings that were quite difficult for the students to confront in isolation of a more general topic discussion.

iv. 6th year Neonatal Update teaching - Wellington

With students now placed in four different centres for their Trainee Intern attachment in Paediatrics there was a need to review how the neonatal update tutorial would be presented from 2011. I chose to convert the tutorial into a comprehensive self-directed powerpoint module involving question and answer slides. Students have provided positive feedback on the module and find it helpful to be able to work through it in their own time.

(c) Teaching Administration and Leadership, Quality Assurance, Evaluation

i. Teaching administration

- Convenor of the Paediatric Trainee Intern programme at UOW 1995-2005 and for 2010 and 2013. Co-convenor 2006-2009.
- Convenor of the Paediatric 5th year programme at UOW from Dec 2010-Dec 2011
- Convenor of the module on Child Abuse for the DCH 702 from 2012- current

ii. Teaching Leadership

- Member of the UOW Trainee Intern Curriculum Board during time as TI coordinator
- Member of the MEG456 group at UOW during time as convenor

- Paediatric Dept representative on 2010 Curriculum Committee –from 2008 until Committee disestablished in 2010.

iii. Quality Assurance, Evaluation

- Initiated yearly HEDC assessment of TI paediatric teaching programme during time as TI convenor
- Personal peer review of teaching - Amanda Gilbert, UOW, 2001
- Personal peer review of teaching –Peter Gallagher, UOW, 2010
- Attended Convenors Workshop in Dunedin December 2010
- Have attended workshops on teaching as listed below
- Personal peer review of teaching – Peter Gallagher, UOW 2017

(d) Professional Developmental Achievements

- Workshop, Phil Meade, Dunedin, November 1995
- PBL workshop, UOW, February 1996
- Leadership Development for Women at the University of Otago, Dunedin, Sept 1998
- ORG workshop, Dunedin, July 1999
- RACP workshop for supervisors of Advanced trainees, Wgtn, March 2001
- Workshop on Lecturing, Amanda Gilbert, UOW Sept 2003
- Workshop on Thesis Planning and Thesis Writing, UOW, 2005
- Planning and Writing a Thesis or dissertation for a Masters Degree or PhD, UOW, 2007
- Finishing a PhD workshop, UOW, 2008
- Using Word to create large documents Workshop, UOW, 2008
- Peer review of teaching workshop, UOW, 2009
- Postgraduate supervisors workshop, UOW, 2009
- Mental Health: Dealing with Student Issues, UOW, 2010
- HEDC workshop on Stimulating students, UOW, 2010
- Providing Quality Postgraduate Supervision Workshop – 2 day course Otago Campus 20th and 21st Oct 2011.
- Bicultural Training CCDHB – Treaty of Waitangi, Maori / non Maori Health Disparity, Tikanga Maori. 21st November 2011
- Women in Leadership Course – Otago – Dunedin, Feb – Aug 2012
- Leading and Managing People – Supervision and Delegation, 21st Feb 2012 UOW
- Workshop on Maori Consultation, Mark Brunton, 23rd Feb 2012, UOW
- Department Workload Models – Discussions with two HODs in Dunedin (August 30th 2012) in lieu of cancelled UOW workshop (Sept 13th 2012)
- Dishonest Practice Workshop, UOW, Sept 6th 2012.
- Starting aHead Induction course for Academic HODs, Directors and Future Leaders, 4th & 5th February 2013
- Media training, Dunedin November 2013
- How to Communicate effectively 2 day PCM course Dunedin, December 2013
- ADLP Workshop 16 December 2013. Delegation and Coaching
- HOD introduction 1 year follow-up, Dunedin February 3rd 2014
- ADLP Workshop High performing research teams, March 2014
- Key Policies managers need to know about – Procurement 7th August 2014, UOW by teleconference

- Performances goals and Management. ADLP November 6th 2014
- Role of Head of Department / Academic Director in Confirmation Processes
- Otago Representative at NZ Academic Women In Leadership Course Wellington, June 2015
- Te Reo Beginners Course July 2015
- Hauora Māori / tamariki / rangatahi, whānau ora, Public Health Summary School, UOW 15 Feb 2016
- Flexibility & Adaptable Thinking Training - ADLP (1.5 days) Feb 2017
- Assessing Clinical Skills, Prof Jean Ker, Visiting William Evans Fellow, UOW, Sept 2017
- Responsibility Centre Management, ADLP, Sharon van Turnhout, 12 July 2018, Dunedin
- Online tools for supporting self-directed learning. HEDC 24 July 2018, Dunedin
- Managing time and priorities, ADLP, 1 August 2018, Dunedin
- Fostering a Teaching Culture, ADLP, 2 August 2018, Dunedin
- Teaching Challenging Topics, HEDC, 21 August 2018, Dunedin
- Honing your leadership style, ADLP, 4 September 2018, Dunedin,
- Management of electronic records, ADLP, 5th September 2018, Dunedin
- Preparing for planning days, ADLP, 27th September 2018, Dunedin
- Crucial Accountability 2 day communication course, ADLP, Dunedin Dec 2018

9. Student Evaluation of Teaching

Documented in Teaching Profile

10. Publications

(a) Book Chapters

4. Child sexual abuse – a Paediatrician’s viewpoint. in Tackling child sexual abuse in New Zealand, ed Robyn Salisbury – due for publication in 2019.
3. Taylor BJ, Elder DE, Sudden unexpected death in infancy. In Practical Paediatrics, 7th edition 2012 – Editors Mike South, David Issacs. Publisher Elsevier
Contribution: Wrote about 50% of the chapter.
2. Elder DE. Neonatal Burnout. In “In Practice: The lives of NZ Women Doctors in the 21st Century” Ed Rosey Fenwicke, Random House, Auckland, 2004.
1. Fancourt R, Elder D, Kelly P. Management of Child Sexual Abuse. In “The medical management of sexual abuse” Doctors for Sexual Abuse Care. 5th Edition, 2002, 6th Edition 2006
Contribution: Revision of half of a previous document

(b) Refereed Journal Articles

67. Ward AL, Galland BC, Haszard JJ, Meredith-Jones K, Morrison S, DR, Beebe DW, Fangupo L, Richards R, Te Morenga L, Smith C, Elder DE, Taylor RW. The effect of mild sleep deprivation on diet and eating behaviour in children: protocol for the Daily Rest, Eating, and Activity Monitoring (DREAM) randomized cross-over trial. *BMC Public Health submitted*
66. Macaulay, GC , Galland BC, Boucher S, Wiltshire EJ, Haszard JJ, Campbell AJ, Black S, Smith C, Elder DE, Wheeler BJ. Impact of Type 1 Diabetes Mellitus, glucose and glycaemic control on sleep in children and adolescents – a case-control study. *Sleep submitted.*
65. Zwimpfer L, Wiltshire E, Elder D. Nurses speak few words to preterm infants in the Neonatal Intensive Care Unit during both painful and non-painful procedures: An observational study. *Infant Mental Health Journal submitted*
64. Neels A, Tuohy P, Elder D for the Child Protection Clinical network. Training and confidence in undertaking child protection work as reported by New Zealand Paediatricians. *J Paediatr Child Health submitted*
63. Elder D, McDowall P, Sim D, Campbell A. Sleep in New Zealand children aged 7-9: Associations with ethnicity, socioeconomic status and achievement in reading and mathematics. *J Clin Sleep Med submitted*
62. Wellington G, Campbell A, Elder D. Intermittent hypoxia in preterm infants: measurement using the desaturation index. *Pediatr Pulmonol 2019 in press*
61. Wellington G, Campbell A, Elder D. 12 hour compared to 24 hour oximetry recordings in preterm infants. *J Paediatr J Health in press*
60. Baddock SA, Purnell M, Blair PS, Pease A, Elder D, Galland B. The influence of bed-sharing on infant physiology, breastfeeding and behaviour: a systematic review, *Sleep Medicine Reviews 2018 in press*
59. McFarlane M, EA Mitchell EA, Thompson JMD, Lawton B, Zuccollo J, Elder D, Taylor B, McDonald G, AW Stewart AW, Percival T, Baker N, Schlaud M, Fleming P. Smoking in pregnancy a key factor for sudden infant death among Maori. *Acta Paediatrica 2018;107;1924-1931*
2016 Impact Factor: 2.043 Citations: 0
Ranked 45/121 Paediatrics
58. Wellington G, Elder D, Campbell A. 24 – hour oxygen saturation recordings in preterm infants: editing artefact *Acta Paediatrica 2018;107:1362-1369.*
2016 Impact Factor: 2.043 Citations: 0
Ranked 45/121 Paediatrics
57. Berry MJ, Saito-Benz M, Dyson RM, Dellabarca P, Gray CL, Elder DE, Richardson VF. Outcomes of 23- and 24-weeks gestation infants in Wellington, New Zealand: A single-centre experience. *Sci Rep 2017, Oct 6;7(1):12769. doi: 10.1038/s41598-017-12911-5.*
2016 Impact Factor 4.259 Citations: 0
10/64 Multidisciplinary Science

56. Roberts T, Campbell A, Larsen P, Elder D. Preterm infants at discharge: Nap polysomnography versus 24-hour oximetry *Acta Paediatr* 2017; 106: 1754-1759
2016 Impact Factor: 2.043 Citations: 0
Ranked 45/121 Paediatrics
55. Mitchell EA, Thompson JM, Zuccollo J, MacFarlane J, Taylor B, Elder D, Stewart AW, Percival T, Baker N, McDonald GK, Lawton B, Schlaud M, Fleming P. The combination of bed sharing and maternal smoking leads to a greatly increased risk of sudden unexpected death in infancy: the New Zealand SUDI Nationwide Case Control Study. *NZ Med J* 2 June 2017, Vol 130 No 1456; 52-64
No impact factor Citations: 61
54. McDowall P, Elder D, Campbell A. Relationship between parent knowledge of child sleep, and child sleep practices and problems: A pilot study in a children's hospital cohort. *J Paediatr Child Health* 2017, 53: 788-793.
2016 Impact Factor: 1.572 Citations: 0
Ranked 64/121 Paediatrics
53. Muller D, Gander P, Elder D. Environmental and behavioural factors associated with sleep in school children in Aotearoa/New Zealand, *J Paediatr & Child Health* 2017;53:68-74.
2016 Impact Factor: 1.572 Citations: 2
Ranked 64/121 Paediatrics
52. McDowall P, Galland B, Campbell A, Elder D. Parent knowledge of child sleep: A systematic review. *Sleep Medicine Reviews* 2017;31:39-47.
2016 Impact Factor: 8.958 Citations: 4
Ranked 8/194 Clinical Neurology
51. McDowall P, Campbell A, Elder D. Parent knowledge of child sleep: a pilot study in a children's hospital cohort. *Sleep Medicine* 2016;21:57-62.
2016 Impact Factor: 3.391 Citations: 4
Ranked 58/197 Clinical Neurology
50. Amanda D'Souza, Marie Russell, Beth Wood, Louise Signal, Dawn Elder
 English-speaking countries can protect their children from physical punishment: New Zealanders' attitudes to physical punishment of children are changing. *Arch Dis Child* 2016;101:690-693.
2016 Impact Factor: 3.265 Citations: 7
Ranked 13/121 Paediatrics
49. Wellington G, Campbell AJ, Elder DE. Oximetry for preterm infants at neonatal discharge: What is current practice in New Zealand and Australia? *J Paediatrics & Child Health* 2016;52:333-337.
2016 Impact Factor: 1.572 Citations: 2
Ranked 64/121 Paediatrics
48. Sleep Disordered Breathing and Academic Performance: A Meta-analysis. Galland B, Spruyt K, Dawes P, McDowall P, Elder D, Schaughency E. *Pediatrics* 2015;136:e934.

38. Elder E, Larsen P, Campbell A, Galletly D. Cardioventilatory coupling and inter-breath variability in children referred for polysomnography. *Respir Physiol Neurobiol* 2012;181:1-7.
 2016 Impact factor: 1.660 Citations: 3
 Ranked 61/84 Physiology
37. Gibson RH, Elder D, Gander P. Actigraphic Sleep and Developmental Progress of One-Year-Old Infants. *Sleep and Biological Rhythms* 2012;10:77-83
 2016 Impact Factor 0.926 Citations: 11
 235/243 Neurosciences
36. Gibson R, Elder D, Gander P. Factors differentiating infants identified by parents as problem sleepers, and those that are not. *Sleep and Biological Rhythms* 2012;10:46-52
 2016 Impact Factor 0.926 Citations: 1
 235/243 Neurosciences
35. Chiu M, Elder D, Zuccollo J. Gliosis in Neonatal SUDI cases. *Acta Paediatr.* 2012;101:30-33
 2016 Impact factor 2.043 Citations: 3
 Ranked 45/121 Paediatrics
 Listed by the editors as one of the highlights of the issue
34. Galland BC, Taylor BJ, Elder DE, Herbison P. Normal sleep patterns in infants and children: A systematic review of observational studies. *Sleep Medicine Reviews* 2012;16:213-222
 2016 Impact factor: 8.958 Citations: 171
 Ranked 8/194 Clinical Neurology
33. Brocklehurst P, Farrell B, King A, Juszczak E, Darlow B, Haque K, Salt A, Stenson B, Tarnow-Mordi W for The INIS Collaborative Group (D Elder). Treatment of Neonatal Sepsis with intravenous immune globulin. *N Eng J Med* 2011;365:120-11.
 2016 Impact factor 72.406 Citations: 131
 Ranked 1/155 Medicine, General & Internal
32. Elder DE, Campbell AJ, Galletly D. Effect of position on oxygen saturation and requirement in convalescent preterm infants. *Acta Paediatr.* 2011;100:661-665
 2016 Impact factor 2.043 Citations: 3
 Ranked 45/121 Paediatrics
31. Elder DE, Whale J, Galletly D, Campbell AJ. Respiratory events in preterm infants prior to discharge: With and without clinically concerning apnoea. *Sleep Breath.* 2011;15:867-873.
 2016 Impact factor 2.288 Citations: 3
 Ranked 38/59 Respiratory System
30. Elder DE, Campbell AJ, Larsen PD, Galletly D. Respiratory variability in preterm and term infants: effect of sleep state, position and age. *Respiratory Physiology and Neurobiology* 2011;175:234-238
 2016 Impact factor: 1.660 Citations: 12

Ranked 61/84 Physiology

29. Elder DE, Larsen PD, Galletly DC, Campbell AJ. Cardioventilatory coupling in preterm and term infants: Effect of position and sleep state. *Respiratory Physiology and Neurobiology* 2010;174:128-134
2016 Impact factor: 1.660 Citations: 12
Ranked 61/84 Physiology
Selected to be part of special edition on cardio-respiratory coupling
28. Mitchell E, Elder D, Zuccollo J. Simultaneous sudden unexpected death in infancy of twins: case report. *Int J Legal Med* 2010;123:631-635
2016 Impact Factor: 2.382 Citations: 4
Ranked 2/15 Medicine, Legal
27. Carey R, Healy C, Elder D. Foreign body sexual assault complicated by rectovaginal fistula. *J Forens Legal Med* 2010;17:161-163
2016 Impact Factor: 1.135 Citations: 7
Ranked 9/15 Medicine, Legal
26. Elder D, Wong A, Zuccollo J. Risk factors for and timing of death of extremely preterm infants. *Aust & NZ J Obstet Gynaecol* 2009;49:407-410.
2016 Impact Factor: 1.607 Citations: 5
Ranked 48/79 Obstetrics & Gynaecology
25. Escott A, Elder D, Zuccollo J. Sudden unexpected infant death and bed sharing: Referrals to the Wellington Coroner 1997-2006. *NZ Med J* 2009;122 No 1298
<http://www.nzma.org.nz/journal/122-1298/3686/>
Impact Factor: not available Citations: 20
Included in selected papers from the NZMJ publication October 2009 Issue 16
24. Wong A, Elder D, Zuccollo J. Changes in cause of neonatal death over a decade. *NZ Med J* 2008 <http://www.nzma.org.nz/journal/121-1277/3142/>
Impact Factor: not available Citations: 1
23. Elder DE, Larsen P, Zuccollo JM. Failure of apnoea monitoring during bed-sharing. *Forensic Science, Medicine and Pathology* 2008;4:167-169.
2016 Impact Factor: 1.842 Citations: 0
Ranked 6/15 Medicine, Legal
22. Crowther CA, Doyle LW, Haslam RR, Hiller JE, Harding JE, Robinson JS for the ACTORDS Study Group (Elder DE). Outcomes at 2 years of age after repeat doses of antenatal corticosteroids. *N Engl J Med* 2007; 357:1179-89.
2016 Impact Factor: 72.406 Citations: 169
Ranked 1/155 Medicine, General & Internal
Co-ordinator of follow-up for Wellington subjects. Provided the paediatric assessment and organised the developmental assessment.
21. Elder DE, Russell L, Sheppard D, Purdie GL, Campbell AJ. The car seat test for preterm infants: Comparison with polysomnography *Arch Dis Child Fetal Neonatal Ed* 2007;92:468-472.

Ranked 61/84 Physiology

12. Grimwood K, Darlow BA, Gosling IA, Green R, Lennon DR, Martin DR, Stone PR. Early-onset neonatal group B streptococcal infections in New Zealand 1998–1999. *J Paediatr Ch Health* 2002;38:272-277 (The New Zealand Group B Streptococcal Infection Study Group: Elder D,) *Assisted with collection of Wellington data*
2016 Impact Factor: 1.572 Citations: 23
Ranked 64/121 Paediatrics
11. Halsted S, Elder DE. Delays in investigation of allegations of child sexual abuse in the Wellington City District 1995-1996: A retrospective study. *NZ Med J* 2001;114:33-35
Impact Factor: not available Citations: 3
10. Bouchier D, Darlow B, Corban J, Mildenhall L, Broadbent R, Doran J, Harding J, Elder D, Knight D. Routine examination of the Newborn. Position statement of the Fetus and Newborn Committee of the Paediatric Society of New Zealand. *NZ Med J* 2000;113:361-363.
Impact Factor: not available Citations: 3
9. Tuthill D, Elder DE, Pringle K, Richardson VF, Selby RE, Robinson R. Posterior Urethral Valves: Failure of Antenatal Diagnosis. *NZ Med J* 2000;113:333-334.
Impact Factor: not available Citations: 0
8. Darlow BA, Winderbourn CC, Inder TE, Graham PJ, Harding JE, Weston PJ, Austin NC, Elder DE, Mogridge N, Buss IH, Sluis KB. The effect of selenium supplementation on outcome in very low birth weight infants: A randomized controlled trial. *J Pediatrics* 2000;136:473-480.
2016 Impact Factor: 3.874 Citations: 43
Ranked 7/121 Pediatrics
7. Elder DE, Hagan R, Evans SF, Benninger HR, French NP. Hospital admissions in the first year of life in very preterm infants. *J Paediatr & Child Health* 1999;35:145-150.
2016 Impact Factor: 1.572 Citations: 59
Ranked 64/121 Paediatrics
6. Galland BC, Taylor BJ, Bolton DPG, Elder DE, Dempster AG. Experimental pathophysiological data from the piglet sleeping under bedclothes: findings compared to SIDS and to heat stroke. *J SIDS and infant mortality* 1997;2:29-45.
Impact Factor: not available Citations: 3
5. Stone PR, France K, Dixon JW, Murray D, Pringle K, Elder D, Zuccollo J, Tuohy J, Strang L. Not perfectly formed (letter) *NZ Med J* 1996;109:284.
Impact Factor: not available Citations: 1
4. Elder DE, Hagan R, Evans SF, Benninger HR, French NP. Recurrent wheezing in very preterm infants. *Arch Dis Child Fetal Neonatal Ed* 1996;74:F165-F171.
2016 Impact Factor: 4.099 Citations: 51
Ranked 5/121 Paediatrics

3. Elder DE, Bolton DPG, Dempster AG, Taylor BJ, Broadbent, RS. Pathophysiology of overheating in a piglet model: Findings compared with sudden infant death syndrome. *J Paediatr Child Health* 1996;32:113-119.
2016 Impact Factor: 1.572 Citations: 8
Ranked 64/121 Paediatrics
2. Elder DE, Minutillo C, Pemberton PJ. Neonatal Herpes Simplex Infection: Keys to early diagnosis. *J Paediatr Child Health* 1995;31:307-311.
2016 Impact Factor: 1.572 Citations: 6
Ranked 64/121 Paediatrics
1. Elder DE, Robertson NRC. A case of neonatal clubbing. *Acta Paediatr Scand* 1989;78:631-632.
2016 Impact Factor: 1.674 Citations: 1
Ranked 45/121 Paediatrics

(c) Non-refereed Journal Articles and Reports not included elsewhere

24. Currie S, Edwards E, Elder D. Melatonin as an aid to a child's sleep? A cautionary tale. *NZ Doctor* 16 August 2017, page 38.
23. Family Violence Death Review Committee (FVDRC) 5th Report Data, Wellington, 2017 (Not on the committee at the time this report was published but considerable involvement in early drafts)
22. Family Violence Death Review Committee (FVDRC) 5th Annual Report, Wellington, 2016
21. Wilson D, Smith R, Tolmie J, de Haan I. Becoming better helpers. *Policy Quarterly* 2015;11:25-31. (Article written on behalf of the Family Violence Death Review Committee D Elder, Deputy Chair of Committee)
20. New Zealand Guidelines for the Assessment of Sleep Disordered Breathing in Childhood 2014. Paediatric Sleep Medicine Clinical Network. Paediatric Society of New Zealand.
19. Family Violence Death Review Committee (FVDRC) 4th Annual Report January 2013 to December 2013, Wellington, June 2014
18. Family Violence Death Review Committee (FVDRC) 3rd Annual Report December 2011 to December 2012, Wellington June 2013
17. Annotated Bibliography-Medical Aspects of Sexual Assault in Children and Young Persons. Dawn Elder
 A 68 page annotated bibliography of papers in the medical literature relevant to the medical management of children and young persons being assessed after sexual assault or abuse. Updated and distributed at least yearly by DSAC (Doctors for Sexual Abuse Care) to members attending courses.

16. Galland B, Taylor B, Elder D. A systematic review of sleep interventions for children with TBI or SCI. June 2011. Report commissioned by ACC
15. Perinatal and Maternal Mortality Review Committee (PMMRC) 4th report to the Minister of Health, October 2010- Committee Member
14. Perinatal and Maternal Mortality Review Committee (PMMRC) 3rd report to the Minister of Health, November 2009- Committee Member
13. Perinatal and Paediatric Pathology Service Provision in New Zealand 2008. A report by the Perinatal and Maternal Mortality Review Committee. Lead Author Dawn Elder. An appendix to the 2nd PMMRC Annual Report March 2009
12. Perinatal and Maternal Mortality Review Committee (PMMRC) 2nd report to the Minister of Health, March 2009- Committee Member
11. Perinatal and Maternal Mortality Review Committee (PMMRC) 1st report to the Minister of Health, October 2007 - Committee Member
10. Paediatric Society of New Zealand Submission to *The Justice and Electoral Select Committee* on the Crimes (Abolition of Force as a Justification for Child Discipline) Amendment Bill. Lead Author of Submission on behalf of NZ Paediatric Society – 2006. Submission Posted on the Paediatric Society of New website.
9. Assessment of Sleep-disordered breathing in childhood. Best practice evidence based guidelines. Paediatric Society of New Zealand, 2005. Nixon GT (Chair), Bartle A, Campbell A, Elder D, Russell G, Larkin J, Brown J, Edwards E, Pattermore P, Taylor B, Casey V.
Project funded by the NZ Paediatric Society
8. The role of expert opinion in child abuse cases: lessons from the UK. Dawn Elder. DSAC National Newsletter 2005:65:11-12.
7. Professional Advisory Board of the Australia and New Zealand HPV Project. Guidelines for the medical management of genital HPV and / or genital warts in Australia and New Zealand, 4th edition, 2004.
Hacker N, Jones R, Robertson A, Speed R (Australian and NZ College of Obstetricians and Gynaecologists), Denham I, Bradford D, Meech R, Morgan J, Coughlan E, Say J (Australasian College of Sexual Health Physicians), Shumack S, Rowan D (Dermatology), Alexander K, Jacobs P (General Practice), Frazer I, Croxson K (Virology), Porter S, Hercules J, Hurst C, Waara P, McPherson G, (Nursing) Jones C, Elder D, Kelly P, Grimwood K (Paediatrics) Roke C, (Family Planning), Cook C (Counselling).
6. Professional Advisory Board of the New Zealand Herpes Foundation. Guidelines for the management of genital herpes in New Zealand, 7th edition, 2004
Meech R, Morgan J, Coughlan E, Say J (Sexual Health Physicians), Rowan D (NZ Dermatological Society), Jones R, Robertson A, Speed R (NZ College of Obstetricians and Gynaecologists), Elder D, Grimwood K (Paediatric Society of New Zealand), Jacobs

P (NZ College of General Practitioners), Croxson K, (Virology), Roke C, (Family Planning) Cook C, (Counselling), Hurst C, McPherson G, Waara P (Nursing), Fleming P, (Patient representative).

5. Professional Advisory Board of the Australia and New Zealand HPV Project. Guidelines for the medical management of genital HPV and / or genital warts in Australia and New Zealand, 3rd edition, 2002.
Hacker N, Jones R, Robertson A (Australian and NZ College of Obstetricians and Gynaecologists), Denham I, Bradford D, Meech R, Morgan J, Coughlan E, Say J (Australasian College of Sexual Health Physicians), Shumack S, Edwards S (Dermatology), Alexander K, Milford R, Gellatly R (General Practice), Frazer I, Croxson K (Virology), Porter S, Hercules J, Waara P, McPherson G, (Nursing) Frizoll E, Reed D (Patient representatives) Jones C, Elder D, Kelly P, (Paediatrics) Morgan J (NZ Venereological Society) Roke C, (Family Planning), Cook C (Counselling).
4. Professional Advisory Board of the New Zealand Herpes Foundation. Guidelines for the management of genital herpes in New Zealand, 6th edition, 2002
Morgan J, Coughlan E (Sexual Health Physicians), Rowan D (NZ Dermatological Society), Robertson A (NZ College of Obstetricians and Gynaecologists), Elder D, Grimwood K (Paediatric Society of New Zealand), Gellatly R, Milford R (NZ College of General Practitioners), Croxson K, (Virology), Cook C, (Psychotherapy), Hurst C, (Nursing), Fleming P, (Patient representative).
3. Guidelines for care of sexually abused patients. Working party statement prepared by DSAC for the NZMA. Working party members Collings S, MacDonald J, Franklin R, MacNab H, Kljakovic M, Elder D, Green S. Published in the NZMA Newsletter 12 February 1999.
Project funded by Doctors for Sexual Abuse Care
2. Paediatric Tertiary Services Review Report on Paediatric Speciality Services for Child Abuse 1998
Chairperson and main author of report on behalf of Child Abuse sub-committee of the Paediatric Society of NZ.
1. Report on investigation into the role of antenatal screening to identify factors that might predispose to sub-optimal parenting.
Review contracted by the Otago Area Health Board, Dunedin in 1992. Report submitted to them. *Project funded by the Otago Area Health Board*

(d) Referred Conference Proceedings

Submitted abstracts - Oral Presentations

49. Conway Niu, Angela Campbell, Peter Larsen, Dawn Elder. Intermittent hypoxia in preterm infants at discharge and term infants up to 42 weeks postmenstrual age: Preliminary results of a 1-year longitudinal study Sleep Aotearoa, May 2018, Wellington
48. Dawn Elder, Philippa McDowall, Dalice Sim, Angela Campbell. Sleep practices and sleep problems in children age 7-9; differences related to ethnicity, school decile, and between children, their caregivers and their teachers. Sleep Aotearoa, May 2018, Wellington

47. Elder D, McDowall P, Campbell A. Objective measures of sleep (actigraphy) in New Zealand children aged 7-9 years: associations with ethnicity, school decile, behaviour and learning. Sleep DownUnder, Adelaide, Oct 2016.
46. Wellington G, Campbell A, Elder D. 24 – hour oxygen saturation recordings at discharge in preterm infants – prevalence of intermittent hypoxia and comparison of different methods of editing data. Sleep Aotearoa, Wellington May 2016
45. McDowall P, Campbell A, Elder D. Objective measures of sleep (actigraphy) in children age 7-9; associations with ethnicity, socio-economic status, and daytime functioning. Sleep Aotearoa, Wellington May 2016
44. Wellington G, Campbell A, Elder D. 24-hour oxygen saturation recordings at discharge in preterm infants – prevalence of intermittent hypoxia and comparison of different methods of editing data. Fetal and Neonatal Physiology Workshop, Magnetic Island, March 2016
43. Wellington G, Campbell A, Elder D. Oxygen saturation monitoring for preterm infants at discharge home from the neonatal unit – Current practice in Australasia. NZ Perinatal Society Meeting, Dunedin, July 2015.
42. Mather S, Elder D, Campbell A. OSA-18 questionnaire: A paediatric cohort study. Sleep in Aotearoa, Christchurch, May 2015
41. Wellington G, Elder D, Campbell A. Oxygen saturation monitoring for preterm infants at discharge home from the neonatal unit – current practice in Australasia. Sleep in Aotearoa, Christchurch, May 2015
40. McDowall P, Campbell A, Elder D. Validation of parent report measures of knowledge and attitudes about child sleep. Sleep in Aotearoa, Christchurch, May 2015
39. Elder D, Smith R, Wilson D, Tolmie J for the Family Violence Death Review Committee (NZ). Fatal Family Violence in New Zealand: Children as victims and witnesses. Australasian Conference on Child Abuse and Neglect. Auckland March-April 2015
38. D'Souza, A., Russell, M., Wood, B., Signal, L., & Elder, D. (2014). Adult attitudes to physical punishment of children: Changes over time in New Zealand. Proceedings of the Paediatric Society of New Zealand 66th Annual Scientific Meeting., (pp. 36).
37. Mather S, Campbell A, Elder D. Symptoms of obstructive sleep apnoea in children with a parent diagnosed with obstructive sleep apnoea. 26th ASM of Australian Sleep Association, Perth, October 2014
36. Green H, Zuccollo JM, Elder DE. Pathological findings in fatal perinatal asphyxia. NZ Perinatal Society 33rd Annual Scientific Meeting, Wellington, October 2013. Oral presentation by summer student.
35. Roberts T, Campbell A, Larsen P, Elder D. Predischarge monitoring in preterm infants: Apnoea Monitor versus 24-hour oximetry. NZ Perinatal Society 32nd Annual Scientific Meeting, Wellington, June 2012.

Oral presentation by Masters of Medical Science Student, Neonatology Advanced trainee

34. Gibbs S, Wiltshire E, Elder D. Nocturnal sleep measured by actigraphy in children with Prader Willi Syndrome. Sleep in Aotearoa, Wellington May 2012.
33. Zwimpfer L, Wiltshire E, Elder, D. Talking to babies: A baseline study of vocal soothing by neonatal nurses during painful procedures. FAOPS & PSANZ, Sydney, March 2012. Oral presentation by PhD student
32. Roberts T, Campbell A, Larsen P, Elder D. The effect of feed times on 24-hour oximetry prior to discharge home in preterm neonates. NZ Perinatal Society 31st Annual Scientific Meeting, Queenstown, August 2011.
31. Elder DE, Campbell AJ, Larsen PD, Galletly DC. Current definitions for neonatal apnoea: are they evidence based? Sleep Aotearoa, Wellington 2011.
30. Elder DE, Chiu M, Zuccollo JM. 10 years of sudden unexpected neonatal deaths referred to the Wellington Forensic Service. ISA and ISPID Joint Conference Sydney Australia, Oct 2010 – oral presentation. *J Paediatr Ch Health 2010;46:Suppl 3: 24*.
29. Elder DE, Campbell AJ, Larsen PD, Galletly DC. Cardioventilatory Coupling in Term and Preterm Infants. NZ Perinatal Society Meeting, Christchurch, Oct 16th, 2009
28. Elder DE, Campbell AJ, Larsen P, Galletly DG. Breath-to-breath variability in Term and Preterm infants: When does a long respiratory pause become an apnoea? 13th Annual Congress Perinatal Society of Australia and New Zealand, Darwin April, 2009 *J Paediatr Ch Health 2009;45:Suppl 1: A55*.
27. Elder DE, Campbell AJ, Larsen PD, Galletly DC. Respiratory Variability In Term And Preterm Infants: Can We Determine When A Long Respiratory Pause Becomes An Apnoea? Perinatal Society of New Zealand Annual Scientific Meeting, Wellington, Sept, 2008.
26. Elder DE, Campbell AJ, Larsen PD, Galletly DC. Respiratory cycle duration in term and preterm infants: Influence of sleep position and sleep state. Perinatal Society of New Zealand Annual Scientific Meeting, Auckland, Sept, 2007.
25. Elder DE, Whale J, Sheppard D, Campbell AJ. Polysomnography in very preterm infants: Infants with symptomatic respiratory events beyond 34 weeks corrected gestation compared with those without. Perinatal Society of New Zealand Annual Scientific Meeting, Auckland, Sept, 2007.
24. Elder DE, Campbell AJ, Larsen PD, Galletly DC. Respiratory cycle length in term infants: Influence of sleep position and sleep state. 11th Annual Congress of the Perinatal Society of Australia and New Zealand, Melbourne, April, 2007. *J Paediatr Child Health 2007;42 (Suppl1) A51*.
23. Elder DE, Wong A, Zuccollo, JM. Ten years of neonatal deaths at Wellington Hospital. 10th Annual Congress of the Perinatal Society of Australia and New Zealand, Perth, April 2006, p101.

22. Wong A, Elder DE, Zuccollo J. Neonatal deaths at Wellington Hospital 1995-2004: Classification using the PSANZ Neonatal Death Classification Guide. NZ Perinatal Society Annual Scientific Meeting, Auckland 2005.
21. Elder DE, Russell L, Sheppard D, Campbell AJ. Reasons for cardiorespiratory instability in a carseat in preterm infants ready for discharge from the neonatal unit. NZ Perinatal Society Annual Scientific Meeting, Auckland 2005.
20. Elder DE, Sheppard D, Campbell AJ. Oxygen saturations in very preterm infants: effects of maturity, respiratory support and sleep position. 9th Annual Congress, Perinatal Society of Australia and New Zealand, Adelaide 2005
19. Elder DE, Russell L, Sheppard D, Campbell AJ. Polysomnography of preterm infants in a carseat prior to discharge from the neonatal unit. 57th Annual Scientific Meeting, Paediatric Society of New Zealand, Rotorua, 2004
18. Russell L, Sheppard D, Campbell AJ, Elder DE. Polysomnography compared with clinically observed carseat trial prior to discharge of preterm infants from the neonatal unit. 8th Annual Congress. Perinatal Society of Australia and New Zealand, Sydney, 2004, A130. Oral presentation by Masters student.
17. Elder DE, Russell L, Sheppard D, Campbell AJ. Polysomnography of preterm infants prior to discharge from the neonatal unit – respiratory events supine in a cot compared with supine in a carseat. 8th Annual Congress. Perinatal Society of Australia and New Zealand, Sydney, 2004.
16. Elder DE, Zuccollo JM, Stanley TV. Neonatal death due to hypoxic ischaemic encephalopathy. Does a post mortem add to the final diagnoses? Perinatal Society of New Zealand Conference, Auckland, 2003.
15. Whale J, Campbell AJ, Sheppard D, Zuccollo JM, Elder DE. Preterm infants with persisting apnoea of prematurity – perinatal risk factors and sleep study variables compared with preterm controls. Perinatal Society of Australia and New Zealand Annual Scientific Meeting, Hobart 2003. (Supervisor for registrar presentation by J Whale)
14. Zuccollo JM, Elder DE, Stanley TV. Neonatal death due to hypoxic ischaemic encephalopathy. Does a post mortem add to the final diagnoses? Perinatal Society of Australia and New Zealand Annual Scientific Meeting, Hobart 2003.
13. Elder DE. Referrals to a child sexual abuse assessment service at Wellington Hospital, 1995-2001. Joint Annual Scientific Meeting, Royal Australasian College of Physicians and Special Societies, Auckland, Oct-Nov 2001.
12. Elder DE, Campbell AJ. Cardioventilatory coupling in preterm and term neonates. NZ Paediatric Society meeting, Napier, Nov 2000.

11. Elder DE, Campbell AJ. Is it appropriate to place infants with chronic lung disease to sleep supine on discharge from the neonatal unit? NZ Paediatric Society meeting, Napier, Nov 2000.
10. Elder DE, Campbell AJ. Oxygen saturation in prone and supine sleep positions of very preterm infants on discharge from the Neonatal Unit. NZ Perinatal Society meeting, Hamilton, Nov 2000.
9. Sanders T, Zuccollo J, Elder D. Review of Neonatal Pathology at Wellington Hospital 1996-1998, NZ Perinatal Society meeting, Wellington November 1999. Oral presentation on behalf of T Sanders – Summer Student.
8. D Elder, Halsted S. Investigation of child sexual abuse in the Wellington Central District 1995-1996: A retrospective study. International Society for Prevention of Child Abuse and Neglect 12th International congress, Auckland, Sept 1998.
7. Zuccollo J, Elder D. Does having a perinatal pathologist improve the quality of a perinatal autopsy service? Perinatal Society of Australia and New Zealand 1st Annual Congress March 1997, Fremantle, W Australia, A138.
6. D Elder, J Shepherd, R Kelly, C Shand. Medical assessment after alleged child sexual abuse in Wellington 1995-96: A Pilot descriptive study. Paediatric Society Meeting, Wairakei Resort, Nov 1996.
5. B Galland, D Bolton, B Taylor, D Elder, A Dempster. Hyperthermia in the piglet - pathophysiological findings compared with SIDS and Heatstroke. Presented as oral presentation on behalf of B Galland, Australian SIDS conference, Surfers Paradise, April 1995. No 29.
4. D Elder, R Hagan, S Evans, H Benninger, N French. Hospital admissions in the first year of life in very preterm infants. New Zealand Perinatal Society and Australian Perinatal Society combined Meeting, Auckland, April 1995.
3. Galland BC, Taylor BJ, Bolton DPG, Elder DE, Dempster A. Death under bedding – Pathophysiological findings compared with SIDS and heatstroke. Presented (BC Galland) at the 14th Conference on Apnea of Infancy, Annenberg, California Jan 1996. *Pediatric Pulmonology* 1995;20:336
2. D Elder, R Hagan, S Evans, H Benninger, N French. Wheezing in the first year of life in very preterm infants. Australian Perinatal Society Meeting, Sydney, March 1994.
1. D Elder, D Bolton, A Dempster, R Broadbent. Physiological effects of hyperthermia in a piglet model. Annual Scientific Meeting, Paediatric Society of New Zealand, Auckland, Nov 1992.

Submitted abstracts - Poster presentations

28. Baddock S, Purnell M, Elder D, Blair P, Pease A, Galland B. A systematic review of infant physiology and behaviour during overnight infant/adult bedsharing. Australasian Sleep Association Annual Scientific meeting, Brisbane Oct 2018.

27. Niu C, Campbell A, Larsen P, Elder D. Intermittent hypoxia in preterm and term infants up to 42 weeks postmenstrual age: Preliminary results of a 1-year longitudinal study. Perinatal Society of Australia and NZ Annual Scientific Meeting, Auckland 2018
26. Zwimpfer L, Elder D, Stanley J, Wiltshire E, Salivary Cortisol in late pre-term infants. 10th International Meeting of Pediatric Endocrinology Sept 2017, Washington, USA. PhD student's work. Presented by E Wiltshire, co-supervisor.
25. Campbell A, Wellington G, Elder D. 24 – hour oxygen saturation recordings at discharge in preterm infants – a measure of intermittent hypoxia. Sleep Downunder, Adelaide October 2016
24. Campbell, A., Elder, D., & Mather, S. (2015). Symptoms of obstructive sleep apnea in children with a parent diagnosed with obstructive sleep apnea. *Sleep* 2015. Annual scientific meeting of the Associated Professional Sleep Societies, Seattle, USA *Sleep*, 38(Abtract Suppl.), (pp. A355).
23. Elder D, Zuccollo J, Masson V, Farquhar C for the PMMRC. Neonatal SUDI in New Zealand 2007-2011. Perinatal Society of Australia and NZ (PSANZ) Annual Scientific Meeting, Adelaide April, 2013. Poster with 3 minute oral presentation.
22. Roberts T, Campbell A, Larsen P, Elder D. The effect of feed periods on 24-hour oximetry results of preterm neonates prior to discharge home. FAOPS & PSANZ, Sydney, March 2012. Poster presentation on behalf of T Roberts, Masters student.
21. Elder D, Shi B, Campbell A, Galletly D, Larsen P. Do convalescent preterm infants exhibit heart rate variability? Fetal and Neonatal Society Meeting, Palm Cove, July 2011
20. Gibson R, Gander P, Elder D. Factors contributing to parental perception of problem sleep during infancy 22nd ASM Australasian Sleep Association, Christchurch Oct 2010 – poster presentation by R Gibson. *Sleep and Biological Rhythms 2010;8:Suppl 1: A35*.
19. Elder DE, Campbell AJ, Larsen PD, Galletly DC. Influences on respiratory variability in a paediatric clinical population. 22nd ASM Australasian Sleep Association, Christchurch Oct 2010. *Sleep and Biological Rhythms 2010;8:Suppl 1: A36*.
18. Muller D, Signal L, Elder D, Gander P. Objectively and subjectively measured sleep of 6-8-year old New Zealand children. 22nd ASM Australasian Sleep Association, Christchurch Oct 2010 – poster presentation by D Muller. *Sleep and Biological Rhythms 2010;8:Suppl 1: A36*.
17. Gibson R, Gander P, Elder D. Relationships between sleep, age, and the developmental progress of infants. 21st ASM Australasian Sleep Association Meeting, Melbourne, Oct 2009 – poster presentation by R Gibson. *Sleep and Biological Rhythms 2009;7:Suppl 1: A30*.
16. Elder DE, Campbell AJ, Larsen PD, Galletly DC. Respiratory Variability In Term And Preterm Infants: Can We Determine When A Long Respiratory Pause Becomes An

Apnoea? 20th ASM Australasian Sleep Association, Adelaide, Oct 2008 *Sleep and Biological Rhythms 2008:6:Suppl 1:A35*.

15. Elder DE, Campbell AJ, Larsen PD, Galletly DC. Cardioventilatory coupling in paediatric patients referred for polysomnography. 20th ASM Australian Sleep Association. Adelaide, Oct 2008. *Sleep and Biological Rhythms 2008:6:Suppl 1:A21*.
14. Elder DE, Wong A, Zuccollo JM. Ten years of fatal perinatal asphyxia at Wellington Hospital. 10th Annual Congress of the Perinatal Society of Australia and New Zealand, Perth April 2006.
13. Fenwicke R, Elder D, Purdie G. Pre teen sexual debut in a New Zealand school Cohort. 10th Australasian Conference on Child Abuse & Neglect. Wellington, Feb 2006.
12. Elder DE, Sheppard D, Campbell AJ. Respiratory events in well preterm and term infants. Poster Presentation. 18th Annual Scientific Meeting of the Australasian Sleep Association. Surfers Paradise, October 2005, P54.
11. Elder DE, Zuccollo JM, Richardson VF. Neonatal death as a result of extreme prematurity - do post mortem and histological examination of the placenta add to the final clinical diagnoses? 8th Annual Congress. Perinatal Society of Australia and New Zealand, Sydney, 2004.
10. Elder DE, Campbell AJ. Respiratory events in preterm and term infants: Variation with sleep position, sleep state and age. Joint Annual Scientific Meeting, Royal Australasian College of Physicians and Special Societies, Auckland, Oct-Nov 2001.
9. Campbell A, Elder D, Sheppard D. Is it appropriate to place infants with chronic lung disease to sleep supine on discharge from the neonatal unit? *Respirology 2001;6 (suppl) A46*.
8. Elder DE, Campbell AJ, Larsen P, Galletly D. Documentation of cardioventilatory coupling in preterm and term infants. Pediatric Academic Societies Annual Meeting, Baltimore, USA April-May 2001. *Pediatric Research 2001;49: 377A*.
7. Campbell AJ, Elder DE. What is the appropriate sleep position for very preterm infants on discharge from the neonatal unit? Perinatal Society of Australia & New Zealand Annual Scientific Meeting, Canberra, Australia, March 2001.
6. Elder DE, AJ Campbell. Baseline oxygen saturation in prone and supine sleep positions of very preterm infants on discharge from the neonatal unit compared with normal term infants. Perinatal Society of Australia & New Zealand Annual Scientific Meeting, Canberra, Australia, March 2001.
5. Elder DE, Campbell AJ, Larsen P, Galletly D. Cardioventilatory coupling in preterm and term infants. Perinatal Society of Australia & New Zealand Annual Scientific Meeting, Canberra, Australia, March 2001.

4. AJ Campbell, Elder DE. What is the appropriate sleep position for very preterm infants on discharge from the neonatal unit? Perinatal Society of Australia & New Zealand Annual Scientific meeting, Canberra, Australia, March 2001,
3. D Elder, S Evans, A Grauaug, L Landsborough. Red Cell transfusion practice in Australian neonatal units. Australian Perinatal Society Meeting, Sydney, March 1994.
2. D Elder, D Bolton, A Dempster, B Taylor, R Broadbent. Effects of hyperthermia in a piglet model: Possible relation to SIDS. Australian SIDS Conference, Melbourne, Nov 1993.
1. D Elder, C Minutillo, P Pemberton, M Cole. Neonatal Herpes infection at Princess Margaret Hospital. 6th Congress of the Federation of the Asia-Oceania Perinatal Societies, Perth, Oct 1990.

(e) Other Significant Conference Involvement – invited speaker

45. Elder D. Overnight oximetry in preterm and term infants: Do we know what is normal? Invited speaker, George Abbott symposium, Chch, August 2018.
44. Elder D. Examining sleep practices from both a parent and child perspective. Symposium speaker. International Paediatric Sleep Association Scientific Meeting Paris 2018
43. Elder D. Using oximetry to measure intermittent hypoxia in preterm and term infants. Symposium speaker. International Paediatric Sleep Association Scientific Meeting Paris 2018
42. Persistent Intermittent hypoxia in preterm infants at neonatal discharge: Does it matter? Invited presentation to the Dept of Neonatology, Children's Hospital of Fudan University, Shanghai 17 Oct 2017
41. Sleep practices and sleep problems in Māori and New Zealand European children from different socioeconomic backgrounds World Sleep 2017, Prague, Oct 2017, Symposium presentation.
40. Persistent Apnoea of prematurity at discharge – does it matter? European Sleep Research Society Annual Meeting Bologna, Sept 2016. Symposium presentation.
39. Clinical Leadership. Health Quality and Safety Commission Forum 2016 with Henry Marsh. Feb 2016
38. Pre-discharge oximetry screening of preterm infants. Do we know what we are doing? The Ritchie Centre Colloquium, Monash University, Melbourne, 21st October 2015
37. Eric Burnard Neonatal Update, October 2014, Wellington
Topic: Why sleep state is important when assessing infant cardiorespiratory status
36. 26th ASM of the Australasian Sleep Association, Perth, October 2013
Topic: The year in Review, Paediatrics,

35. International Paediatric Sleep Association Meeting, Manchester Dec 2012.
Symposium: Problems of prematurity: What we can tell from sleep studies?
Topic: Predischarge monitoring for very preterm infants: what is the best method for determining cardio-respiratory stability during sleep?
34. RACP Annual Meeting, Brisbane 2012, Child Protection SIG day
Topic: Sexualised Behaviour in Children May 2012
33. Wakefield Health GP Conference – Wellington April 2012
Topic: Sleep disorders in children assessment and prevention
32. Babies, Children and Alcohol – one-day conference Wellington March 22, 2012
Topic: Child advocacy
31. DSAC National Medical Forensic Update, Wellington Nov 2011
Topic: Paediatric update
30. DSAC National Medical Forensic Update, Wellington Nov 2010
Topic: Unusual Paediatric cases
29. 22nd ASM Australasian Sleep Association, Christchurch Oct 2010 – Symposium talk
Topic: Development of sleep in preterm babies – what sleep studies can tell us about respiratory control
Sleep and Biological Rhythms 2010;8:Suppl 1: A2.
28. Perinatal Society of Australia and NZ Annual Scientific Meeting - PSANZ2010, Wellington March 2010
Topic: SUDI in the first month of life
27. NZ Paediatric Update, Auckland March 3rd, 2010
Topic: Apnoea in the convalescent preterm infant
26. The Perinatal Society of NZ, Annual Scientific Meeting, Christchurch, 2009
Topic: What is an apnoea? Are you sure you know?
25. The Paediatric Society of New Zealand. 60th Annual Scientific Meeting, Bay of Islands, Oct 2008.
Topic: Perinatal and Maternal Mortality Review Committee - An Update for Paediatricians
24. Perinatal Society of New Zealand Annual Scientific Meeting, Wellington, Sept, 2008
Topic: Bedsharing - what should we be telling new parents
23. 4th Combined Australia and New Zealand Meeting on the medical assessment of sexually abused children and adolescents, August 2008, Christchurch
Topic: Sexual assault and sleep disturbance
22. Worldsleap 07, 5th World Sleep Congress of the WFSRSMS, Cairns, Australia September 2007

Symposium Speaker: Paediatric Sleep: Problems of prematurity
Topic: What is an apnoea? – respiratory variability in preterm infants

21. Royal Australian and NZ College of Obstetricians and Gynaecologists NZ Committee Annual Scientific Meeting, March 2007, Wellington
Topic: Learning from mortality review of very preterm infants
20. Combined Neonatal Nurses, Eric Burnard Charitable Trust and Perinatal Society Meeting, Sept 2006, Wellington
Topic: Understanding cause of death in extremely preterm infants
19. 3rd Combined Australia and New Zealand Meeting on the medical assessment of sexually abused children and adolescents, August 2006, Wellington
Topic: Interesting cases: Focus on accidental injury
18. 3rd Combined Australia and New Zealand Meeting on the medical assessment of sexually abused children and adolescents, August 2006, Wellington
Topic: Adolescents and sexual abuse: Setting the scene
17. RACP Congress, May 2006, Cairns, Australia
Topic: Genital injury and healing: what can we learn from case review?
16. RACP Congress, May 2006, Cairns, Australia
Topic: Sexualised behaviour in children: what's normal and what's not
15. West Australia RACP Paediatric Update Day April 2006, Mandurah, WA
Topic: Sexual behaviour in childhood: what's normal and what's not
14. NZ Annual Visiting Neurodevelopmental Therapy Conference. Sept 2005. Wellington.
Topic: Implications of prematurity
13. Joint Chapter of Community Child Health / Paediatric Society of New Zealand / Regional and General Paediatricians Society Satellite Meeting 2005
Topic: Domestic Violence: Effects on Children
12. 57th Annual Scientific Meeting of the Paediatric Society of New Zealand. Workshop with Dr Jane Zuccollo. 2004
Topic: Perinatal and Infant Death: Principles of Management
11. 2nd New Zealand Neonatal Update Conference sponsored by the Eric Burnard Trust. 2004
Topic: Neonatal autopsy: why to do one and how to ask
10. 2nd Combined Australia and New Zealand Meeting on the Medical Management of Sexual Abuse in Children and Adolescents, Wellington, July 2004
Topic: Sexual behaviour in childhood – what is new and what we need to know
9. ASTA NZ - Sleep Technologists Annual Meeting, July 2004, Christchurch
Topic: Sleep Research in the Neonatal Intensive Care Unit

8. Child Protection and Family Violence: Leadership and Clinical Training Skills. Paediatric Society of NZ Meeting, October 2001 - Auckland
Topics: Effects of partner violence on children
Child sexual abuse: How can we best provide medical service
7. Oceania Law Conference 2001 October 2001 – Christchurch
Topic: Expert Evidence – Thinking outside the square
6. NZ Venereological Society Conference October 2000 – Palmerston North
Topic: STIs and children
5. Paediatric Update March 2000 – Auckland
Topic: The Paediatrician’s Role at SIDS Autopsies
4. NZ Paediatric Society Meeting November 1999 - Wellington
Topic: Children and Domestic Violence
3. “Behind Closed Doors” Turning the Light on Domestic Violence. DSAC conference, Auckland June 25th 26th 1999
Topic: Children and Domestic Violence
2. NZ College of Obstetricians and Gynaecologists Annual Meeting Feb 96 - Nelson
Topic: Symposium - Post dates Pregnancy - the neonatal viewpoint
1. NZ O & G Society Annual Meeting Oct 1995 - Palmerston North
Topic: Long-term Follow-up after Preterm Birth

(f) Other Creative Works

CD ‘As prescribed’ Dawn Elder. Launched April 2017
<https://itunes.apple.com/nz/album/as-prescribed/id1243952039>

CD ‘Alternative medicine’ Dawn Elder and the Ed Zuccollo Trio
Launched December 2013
<https://itunes.apple.com/nz/album/alternative-medicine-feat-ed-zuccollo-rowan-clark-nick/id1197433287>

11. University Service

(a) Positions held within Department/School/Division

Department

HOD from March 2013

School

EEO observer for Promotions Committee 1995

EEO – 2001 – 2010

Member – UOW TI curriculum committee since inception in 2000-2010

Active member when TI Co-ordinator for paediatrics
Member – UOW MEG456 committee – Active from 2011-2013
Paediatric Dept representative on Curriculum 2010 committee from 2008-2010
Member – Executive Management Group as acting HOD and HOD
Invited Speaker, Dept of Primary Health Care and General Practice, Annual Strategy Day 2017
Deputy Dean, from January 2019

Health Sciences Division

External examiner 3rd year distinction OSCE Dunedin, October 2009
Poster Competition, Health Sciences Research Forum, UOW, Sept 2009
Paediatric Representative 6th year Board of Studies 2012 – current
Lead examiner Paediatric 6th year Distinction orals 2012 – current
Member DCH Board of Studies
Paediatric Representative on Synergy Board B – 2013- current
Member ELM review Panel 2013
Member Dept of Paediatrics, UOC, Review Panel 2014
Member LTCM Qualification Review panel 2014
Health Sciences Promotions Committee 2014, 2015, 2016, 2017, 2018
Speaker at Academic Promotion Workshop March 2017, 2018

(b) Positions held at University level

Invited participant - Mock Audit, Dunedin, October 1999
Invited participant – Staffing retreat, Dunedin, July 2001
Invitee to Gender Equity Working Party: Focus Group, Dunedin, Oct 2008
Chair - Women in Genetics Lectures – National Library Wellington 19th August 2014
Vice-Chancellor's Special Advisory Committee to consider Professor, Research Professor and Clinical Professor promotion applications – Health Sciences Representative 2017.

(c) International Role at University level

From 2011 member of Australasian Professorial Paediatric HODs group
2017 – Asked to revitalise this group and act as Chair

12. Professional Activities

(a) Academic and Professional Advice and Services

(i) Service to public sector departments and statutory authorities, agencies, boards, committees and inquiries

- ***Ministry for Vulnerable Children Oranga Tamariki. Member of Practice Frameworks Advisory Group. From 2017***
- ***FVDRC – Health Quality and Safety Commission New Zealand***
Family Violence Death Review Committee – Member of this committee from Dec 2011 – Dec 2016, Deputy Chair from 2012-2016.

- ***National Services: Technical Advisory Group - Paediatric Pathology Services***
Representing NZ Paediatric Society on this Group 2011- 2012.
- ***Health Committee, New Zealand Parliament***
Invitation to attend to advise the Health Committee in respect to a petition in relation to concerns about Maternity Services in NZ, 5th May 2010. Was the only paediatric representative. Obstetrics and Midwifery also represented.
- ***Standards New Zealand***
Committee member of a multi-disciplinary group working on a Standard for “Screening, risk assessment and intervention for family violence including child abuse and neglect” in the NZ setting. Acted as a representative for the Paediatric Society of New Zealand. NZS 8006:2006 was published in May 2006
- ***Ministry of Social Development - Office of the Children’s Commissioner***
Developing the Path Forward. Invitee to a two-day workshop on identification, assessment and referral in the early years of life. Dec 2006
- ***PMMRC - Ministry of Health***
Perinatal and Maternal Mortality Review Committee (PMMRC). Member of this committee by Ministerial appointment. 2005 – 2010. Committee charged with national review of perinatal deaths and maternal mortality.
Leader in PMMRC workshop on perinatal pathology services
Lead author on report prepared for the Minister on the provision of perinatal pathology services in New Zealand
Member of appointments panel March 2012 for new committee members.
- ***Doctors in Training Workforce Roundtable - MOH***
Invited to comment to provide a stakeholder perspective in 2005. Name listed in acknowledgements in final report published in 2006.
- ***Health Funding Authority / Ministry of Health***
Member of Advisory Group for Maternal and Newborn Health Information database 2000 – 2004
Paediatric society representative on this national committee charged with overseeing the development of annual reports of perinatal statistical data.
- ***NZ Police and Dept of Internal Affairs***
Involvement in NZ Police College Course on Investigation of Child Sexual Abuse for a Delegation of Thai Multidisciplinary investigators. 2000. Lecture on medical assessment of child sexual abuse.
- ***Ministry of Health***
Invitee to workshop on Consent in Child Health. August 1998
- ***Ministry of Health***
Invitee to workshop on Video surveillance for Munchausen by Proxy - November 1998

- **Ministry of Justice**
Member of reference group for Family Violence Research Priorities Project, 1996

(ii) Service to non-government organisations

- **SIDS Wellington**
Medical advisor to this committee which actively supported research and the distribution of knowledge about SIDS (Sudden Infant Death Syndrome). 1995 – 2000.

(d) Service to External Academic and Professional Activities

(i) Service to, or leadership in, academic discipline or professional associations

- **Conference and Seminar Organisation and involvement**

International Pediatric Sleep Association

Member organising committee for 2020 conference in Brisbane

NZ Paediatric Society Annual Scientific Meeting, Wellington, 2015. Co-chair of organising committee

Eric Burnard Neonatal Update Wellington 2014. Lead organiser

FAOPS and PSANZ meeting, Sydney March 2012. Invited to be new investigator award judge and session chair.

Perinatal Society of Australia and New Zealand (PSANZ) - Annual Scientific Meeting Wellington March 2010, Co-Chair of meeting and Chair of Scientific Programme Committee - 630 + registrants. This is a major perinatal meeting held between the main centres of Australia and New Zealand.

Joint Chapter of Community Child Health / Paediatric Society of New Zealand / Regional and General Paediatric Society Satellite Meeting – Member of the organising committee for this conference in May 2005.

*Doctors for Sexual Abuse Care – Lead organiser of the following seminars
Initial Paediatric Training in medical assessment of child sexual abuse 1999, 2000
Involved in training course until 2012*

Advanced Paediatric Training in medical assessment of child sexual abuse 2000, 2001

Combined Australia and NZ meetings on the medical assessment of sexually abused children and adolescents, 2002, 2004, 2006

Eric Burnard Memorial Charitable Trust - Organiser of neonatal update meetings 2002, 2004, 2006, 2014

Perinatal Society of NZ Annual Meeting - Organiser for 1999, 2006 and 2008 meetings

Paediatric Society of NZ Annual Meeting - Co-organiser for Nov 1999 meeting in Wellington

12th International Congress on Child Abuse and Neglect - Member Medical Scientific Committee, Auckland September 1998

NZ Law Society - Assisted with the development of a Law Society Seminar on the expert evidence in Sexual Abuse Court cases (1997). Assisted in presenting the seminar in 4 venues (Wellington, Christchurch, Dunedin and Invercargill)

- **Committee Work**

Working Party for Australasian Sleep Association (ASA)
Overnight Oximetry for evaluating Paediatric Obstructive Sleep Apnoea - Technical Specifications and Interpretation Guidelines
2018-2019

Paediatric Society of NZ Child Protection Clinical Network
Clinical Lead – from October 2015 - current

Paediatric Society of NZ Sleep Clinical Network
Member of this group 2015 - current

NZ Child and Youth Epidemiology Service
Member of Steering Group 2014 - current

NZ Paediatric Society Clinical Networks Advisory Group
Committee Member 2014 - current

Australasian Sleep Association (ASA)
Member of the New Zealand sub-committee 2010-2013

New Zealand Perinatal Society
Secretary to committee 2006 - 2011

Guideline: “Assessment of Sleep Disordered Breathing in Childhood”
Member of the group sponsored by the Paediatric Society of NZ that produced this guideline that was endorsed by the NZ guidelines group. Guideline published in 2005. Updated 2014.

Recovered Memory Project
Member of the reference group for this project. The project was organised by DSAC on behalf of the NZ Medical Association with the aim to provide guidelines for NZ practitioners on the issue of recovered memories of Child Sexual Abuse and how patients presenting with a history of recovered memory should be managed. The guidelines were published in 1999 in the New Zealand Medical Association Newsletter.

Paediatric Tertiary Services Review – Child Abuse

Chairperson of Committee to review tertiary services for child abuse – 1998-1999.

Child Abuse & Neglect Committee- Paediatric Society NZ

Convenor and initiator of this committee set-up under the auspices of the Paediatric Society of New Zealand. Convenor 1997-1999. Remained as committee member up to 2010. Lead writer of the Paediatric Society submission on repeal of section 59 of the Crimes Act. Submission presented in person to the Select Committee at Parliament July 13th 2006. Rejoined the committee 2013.

Fetus and Newborn Committee

Member of this Committee, reporting to the Paediatric Society of NZ 1995-2004.

New Zealand Medical Council

Invited to sit on Medical Complaints and Competence Review Committees

NZ Herpes Foundation

Paediatrician member of the Medical Advisory Board for the Foundation.

Involved in the development of guidelines for managing herpes in pregnancy and the perinatal period - 2001 to 2004.

Medical & Advisory Committee, NZ Cot Death Association

Member of this committee and chairperson from 2003- 2008. Committee disbanded as grants now assessed by the Child Health Research Foundation.

- **Other Academic professional organisation responsibilities**

Royal Australasian College of Physicians

- 2012 appointed as NZ representative on the College Special Interest Group in Child Protection Committee - current.

- Observer Examiner for the College Clinical exam in Paediatrics 1997. Invited examiner 1999, 2001, 2004, 2005, 2008

- Member NZ RACP Grants Advisory sub-committee from 2004 – 2016

- Director of Physician training for Paediatrics, Wellington hospital 1999-2003

- Have acted as Co-interviewer for the College for overseas trained paediatricians wishing to practice in the speciality of Paediatrics

- Supervisor of Advanced trainees in Paediatrics / Neonatal Medicine

- Completed Advanced Trainee Supervisors workshop 2001

- Policy Committees – member of the writing group for these policies
Health of Paediatricians – 2004-2005

Genital examination of children and young women - 2006-2009

Doctors for Sexual Abuse Care

Active involvement in this organisation of medical professionals committed to setting standards for the medical care of sexually abused children, adolescents and adults.

- Past member of the executive committee
- Accredited by DSAC and NZ Police as Forensic examiner for child sexual abuse. Accreditation renewed 2001.
- Organiser of training programmes (see above)
- Teaching yearly at initial paediatric training programmes in Auckland (4 talks each year until 2013)
- Journal club reviewer – select and review articles on paediatric aspects of sexual assault for distribution to members up to Dec 2006 and from 2010 - 2012
- Update bibliography of papers related to sexual assault until Jan 2015.

- **Grant reviewing**

Lotteries Grant Board, NZ

Reviewer of grants 2000, 2001, 2005, 2010

NZ Cot Death Association, NZ

Reviewer of grants 2000, 2001

Health Research Council, NZ

Reviewer of grants 2001, 2005, 2013, 2017

Royal Australasian College of Physicians, NZ

Reviewer of grants 2004-2015 as grant committee member

Auckland Medical Research Foundation

Reviewer of Grant 2009

Maurice and Phyllis Paykel Trust, NZ

Reviewer of grant 2010

Action Medical Research, United Kingdom

Reviewer of grants 2010, 2011

NZ Asthma Foundation

Reviewer of grant 2011

Foundation for the study of infant deaths, United Kingdom

Reviewer of grant 2012

NHMRC – Australia

Reviewer of grants 2013, 2014, 2015, 2016

Auckland DHB charitable Trust

2016

Royal Society of New Zealand

2016

Cure Kids, SIDS grants 2016, 2017

- **Journal article reviewing**

Articles have been reviewed for the following journals:

Pediatrics

2005 x 2, 2010, 2012 x 3, 2016

J Pediatrics

2011, 2012, 2018

Archives of Disease in Childhood Fetal and Neonatal Ed

2008, 2009, 2016

Archives of Disease in Childhood

2012

Acta Paediatrica

2011, 2012, 2018x2

J Paediatrics & Child Health

2003, 2004, 2005, 2007, 2008, 2011 x 2, 2013, 2014

Current Pediatric Reviews

2010

No Impact Factor

Forensic Science, Medicine and Pathology

2006, 2011, 2018

NZ Medical Journal

1998, 1999 x 2, 2000, 2008, 2009, 2011, 2012 x 2, 2013 x 2, 2014x2, 2015x2, 2016 x 2, 2017 x 3

BMC Pregnancy and Child Birth

2012

Paediatrics Today (Paediatric Journal of Bosnia and Herzegovina).

2012

Early Human Development

2012, 2013, 2017

European Journal of Pediatrics

2013

Pediatric Research

2014

Sleep Medicine

2016, 2018

Sleep Medicine Reviews

2017

Journal of Sleep Research

2017

Neonatology

2018

Journal of Physiology

2018

- Clinical professional responsibilities Capital & Coast DHB

Tertiary Services Committee

- Chair of this committee that aims to review Tertiary Service for Paediatrics across the 3 DHBs from 2014-2016

Family Violence Intervention Programme

- Member Governance Group Family Violence Intervention Programme (FVIP) CCDHB 2008-2012
- Chair FVIP Steering Group CCDHB – 2010 –2011

Perinatal Mortality Review

- Chair: Perinatal Mortality Review Committee – 2004-2010
- PMMRC local co-ordinator perinatal mortality data collection – 2006-2012

Research Committees

- *Chair Child Health Service Research Committee 2015 - current*
- *Member DHB Research Committee 2015 - current*

Child Health Service

- Member of Child Health Governance Group as HOD – 2011-current
- Member of Steering Group new Children's Facility - 2017

Clinical Practice at CCDHB

- Neonatal Paediatrician 1995-2004
- Paediatrician – sexual assault and child protection 1995-current
- Paediatric Sleep Physician 2004-current

12. Community Service

(a) Continuing Education, Community Debate and Community Development

(i) Media commentaries and columns on professional matters.

- August 13 2018 PhD student Conway Niu features in the UOW news on Otago Uni Bulletin <https://www.otago.ac.nz/wellington/news/otago693184.html>
- Interview on Spectrum July 17th 2016 re Child Abuse issues <http://www.radionz.co.nz/national/programmes/spectrum/audio/201808390/silent-cries>
- March 16 2016. Research report through Reuters on research about parent knowledge about sleep. <https://www.reuters.com/article/us-health-kids-sleep/parents-may-not-know-how-much-sleep-their-children-need-idUSKCN0WH2TS>
- Interviews Radio NZ, Paul Henry Morning Show, Mike Hosking Breakfast Show on radio, Release of FVDRC 5th report, February 2016
- Quoted in New Zealand Herald 1st April 2015. From discussion about child obesity at the Australasian Child Abuse and Neglect Conference in Auckland.
- Quoted in New Zealand Herald 31st March 2015. From paper presented about fatal family violence at the Australasian Child Abuse and Neglect Conference in Auckland.
- Interview on Radio NZ, The 5 O'clock Report, Sharon Brett Kelly, about Child Abuse, Jan 13th 2015.
- Interview on Radio Live, Publicity related to the Family Violence Death Review Committee 4th Report – Deputy Chair of Committee June 2014
- News item in Southland Times June 14, 2013 about appointment to Professor and HOD
- Interview for TV3 National news in regard to a paper from the American journal 'Pediatrics' on parent knowledge about safe sleep position. 2nd August 2012. Paper written by an American group.

- Story about paper published in NZ Med J July 3rd 2009, Dominion Post July 3rd 2009
- Quoted in Christchurch Press 23rd May 2009 re study on review of referrals to the Wellington Coroner 1997-2006
- Interviewed on Radio NZ ‘Nine to Noon’ Dec 10 2008 re study on review of referrals to the Wellington Coroner 1997-2006
- Quoted in news article front page Dominion Post Dec 10 2008, re inquest of 7 cases of sudden infant death.
- Article on Section 59 Repeal, Listener, Sept 23-29 2006, Vol 205, No 3463
- Report on presentation of submission regarding Section 59 Bill, Dominion Post July 11th 2006
- Quote in news story on a new device to monitor the breathing of babies at home, Dominion Post March 16 2006.
- Quoted (from report to the Coroner) in review article on SIDS, Evening Post May 2002
- Recorded Interview Holmes programme TV One June 15th 2001- child abuse
- Live interview Holmes programme TV One May 18th 2001 – child abuse
- Article Evening Post – re NZMJ paper published on child abuse Feb 2001
- Article Dominion - re child abuse investigation research June 26 2000

(ii) Conferences, seminars, and workshops

- Invited speaker: Launch of the 2009-2010 Ministry of Social Development Regional Plan for the Wellington Regional. October 2009. Launch also addressed by the Minister Hon Paula Bennett
- Invited speaker: Study day at Hastings Hospital “Perinatal mortality, Obstetric Emergencies including severe pre-eclampsia” April 1st 2009
Topic: Co-sleeping
- NZ Family and Foster Care Federation National Caregiver Conference. April 2006, Blenheim.
Topic: Sexual behaviour in childhood: What’s normal and what’s not
- Invited speaker at SIDS Hui on Marae, Porirua, 1997

(iii) Public lectures.

- Invited Speaker Annual Meeting of the Hawkes Bay Medical Research Foundation. Hawkes Bay Nov 6th 2013
- Inaugural Professorial Lecture, UOW, 30th September 2013
- Presentation to Wellington Zonta club “ Child abuse” June 2008
- Invited Speaker Chilton St James School Parent Information Evening. Topic: Alcohol and Party Pills, May 2007

- Lecture to U3A Ohariu “ Child abuse in New Zealand. Is it really that bad?”
August 2007
- Invited Speaker Down Syndrome Association Awards, Government House Oct 2006
- Breakfast address to female Members of Parliament during Rape Awareness Week, May 1998. Topic: Incest
- "A piglet model for hyperthermia and the sudden infant death syndrome (SIDS)"
John Curtin school of medical Research, Australian National University,
Canberra, ACT, Australia, 1993

(iv) Provision of continuing education

- Child Protection Otago Trust and Otago DHB
Child Protection Study Day - November 2016
Invited speaker
Topic: Family Violence
 - NZ Police College Child Protection and Adult Sexual Assault Co-ordinators
Course 2014 – Talk on FVDRC work Sept 2014
 - NZ Police College CIB induction course – lecture on Child Abuse – 3-4 times a
year 2011-current
 - NZ Police College Detectives Course on Investigation of Child Abuse
Lectures 2-3 times a year on medical assessment of child abuse 1996-current
 - Child Protection Otago Trust and Otago DHB
Child Protection Study Day - 3rd December 2009
Invited speaker
Topic: Child sexual behaviour - normal and abnormal - identification and
intervention for safety
 - Child Protection Studies (CPS) - Teaching in the Certificate in CPS Programme
– “ Child sexual abuse” 2002, 2003, 2004, 2005, 2007, 2009
 - Presentation on Medical assessment of Sexual assault to the Health and
Disability Commissioners Office in Wellington – November 2002
 - Continuing education for Matpro Kapiti Peer review group,
Paraparumu Hospital, 14th June 2001, Wellington Hospital, 13th Sept 2001
 - Continuing medical education for GPs 16th June 2001,
Child Abuse Seminar with Police, CYFS, Commissioner for Children
- (b) University Links Supporting other Providers of Community Service

(i) Other universities

- Midwifery Practice in Complex Maternity Care MIDW512 practicum course.
Victoria University – Aug 2011
Topic: The role of the PMMRC
- Midwifery Practice in Complex Maternity Care MIDW512 practicum course.
Victoria University – Sept 2010
Topic: The role of the PMMRC
- Teaching in midwifery course at Massey University 1999, 2000



Inquiry into the convictions of Kathleen Megan Folbigg

29 January 2019

Professor Dawn Elder
Professor of Paediatrics and Child Health
Head of Department
University of Otago
23 Mein Street
Newtown
Wellington 6242
New Zealand

By email: dawn.elder@otago.ac.nz

Dear Professor Elder

Letter of engagement

On 22 August 2018 the Governor of New South Wales directed that an inquiry be held into the convictions of Kathleen Megan Folbigg for three counts of murder, one count of manslaughter and one count of maliciously inflicting grievous bodily harm in respect of her four children on 21 May 2003 ("the Inquiry"). Former Chief Judge of the District Court, the Honourable Reginald Oliver Blanch AM QC ("the Judicial Officer"), was appointed to conduct the Inquiry. The Crown Solicitor is the Solicitor Assisting the Inquiry, and Amber Richards has carriage of the matter on the Crown Solicitor's behalf.

As discussed, the Inquiry would be assisted if you could prepare a report which identifies and explains any new research or advances since May 2003 within your area of expertise that you consider to be relevant or possibly relevant to the causes of death of any of the children and/or the cause of the ALTE in respect of Patrick. It is requested that you provide your report to Amber Richards, Senior Solicitor for the Crown Solicitor, by **10 February 2019**.

You may also be required to give oral evidence at the public hearings of the Inquiry. The hearings will take place at the Chief Secretary's Building located at 47 Bridge Street, Sydney, in the week starting 4 March 2019. In the event you are required to give evidence, we anticipate you will be able to do so via audio visual link from New Zealand.

Background

Trial

Inquiry into the convictions of Kathleen Megan Folbigg

Level 2 | Industrial Relations Commission | 47 Bridge Street | SYDNEY NSW 2000

T (02) 9258 0832 | **E** folbigg.inquiry@justice.nsw.gov.au

W <https://www.folbigginquiry.justice.nsw.gov.au>

Between 1 April 2003 and 21 May 2003, Ms Folbigg stood trial in the Supreme Court before Barr J and a jury, upon an indictment containing five counts in respect of the deaths of her four infant children. Those counts were as follows:

- Count 1:** the murder, on 20 February 1989, of Caleb Gibson Folbigg, 19 days old.
- Count 2:** maliciously inflict, on 18 October 1990, grievous bodily harm upon Patrick Allen Folbigg with intent to do grievous bodily harm, 4 months old.
- Count 3:** the murder, on 13 February 1991, of Patrick Allen Folbigg, 8 months old.
- Count 4:** the murder, on 30 August 1993, of Sarah Kathleen Folbigg, 10 months old.
- Count 5:** the murder, on 1 March 1999, of Laura Elizabeth Folbigg, 19 months old.

The essential issue at trial was whether the Crown could establish that each child's death and Patrick's apparent life threatening event ("ALTE") was a result of a deliberate act of suffocation and not the result of natural causes. The Crown case was that the deaths and the ALTE; the circumstances in which they occurred; evidence of Ms Folbigg's relationships with each child; entries made by Ms Folbigg in her diaries; and the medical evidence, established that the only rational inference open was that Ms Folbigg unlawfully killed each child.

A number of medical experts from a range of areas of speciality were called to give evidence in the trial, including from paediatrics (including with an emphasis on the developmental problems of children), paediatric respiratory and sleep medicine, neurology, and forensic evidence was led in relation to Sudden Infant Death Syndrome ("**SIDS**"), including as to the definition of SIDS, how and when SIDS is appropriately diagnosed or attributed and the familial occurrence of SIDS.

As part of that evidence, a number of paediatric pathologists and forensic pathologists were asked whether, to their knowledge, there were any known reports in medical or scientific literature of three or more sudden infant or childhood deaths from unexplained causes in the same family. Each gave evidence that to his or her knowledge there were no known such reports and that each had no personal experience of such a case.

Petition

On 10 June 2015, pursuant to s. 76 *Crimes (Appeal and Review) Act 2001* ("the *CAR Act*") a petition on behalf of Ms Folbigg was presented to the Governor of New South Wales seeking an inquiry into her convictions. Included in Ms Folbigg's petition were expert reports from two forensic pathologists and a mathematician/statistician.

On 22 August 2018, the Governor of New South Wales issued a Direction pursuant s. 77(1)(a) of the *CAR Act* that an inquiry be conducted into the convictions of Ms Folbigg in relation to the evidence as to the incidence of reported deaths of three or more infants in the same family attributed to unidentified natural causes. At a directions hearing on 20 December 2018, the Judicial Officer confirmed the scope of the Inquiry was expanded to include the following:

- any new research or advances in medical science relevant to the causes of death of each child and the cause of the apparent or acute life threatening event in respect of Patrick;

- expert medical opinion as to the causes of death of each child and the cause of the apparent or acute life threatening event in respect of Patrick in light of any relevant new research or advances in medical science;
- any new research or literature concerning the incidence of reported deaths of three or more infants in the same family attributed to unidentified natural causes;
- any other related expert medical evidence; and
- Ms Folbigg is allowed to give evidence if she wishes to do so, about the diary entries, possession of the diaries and her disposal of the diaries. Any such evidence and any cross-examination of Ms Folbigg will be limited to those issues.

Documents with which you are briefed

For the purpose of your engagement, you have been briefed with the following documents set out in **Annexure A** to this letter.

If you believe you would be assisted by any further documents, please advise us of the same.

Preparation of report

The Inquiry would be assisted if you could prepare a report which identifies and explains any new research or advances since May 2003 within your area of expertise that you consider to be relevant or possibly relevant to the causes of death of any of the children and/or the cause of the ALTE in respect of Patrick. Your report should only offer opinions to the extent that they are based upon your knowledge, training and fields of specialist expertise.

In preparing your report, please:

- identify (and reference as appropriate) any facts and assumptions from materials upon which you rely;
- show how those facts and assumptions relate to your opinions;
- provide an explanation of your reasons for each of your opinions; and
- if necessary, set out any qualification or reservations you have about the opinions expressed in your report (for instance, because of reservations you hold about a fact, or if further research or information is required, or for any other reason).

Expert Code of Conduct and Curriculum Vitae

At **Annexure B** to this letter I set out the Expert Witness Code of Conduct and ask that you read it carefully. In your report you should acknowledge that you have read the Code and agree to be bound by it. I suggest the following form of words be included in the body of your report:

"I, Professor Dawn Elder, acknowledge for the purpose of Rule 31.23 of the Uniform Civil Procedure Rules 2005 that I have read the Expert Witness Code of Conduct in Schedule 7 to the said rules and agree to be bound by it."

I also request that you please attach a copy of your curriculum vitae your report.

Fees

We note your fee of AUD \$400.00 per hour (exclusive of GST) for a maximum of **eight hours** for the preparation of your report. If you consider further time is necessary for the completion of your report, please advise us in advance. In the event you are required to give evidence before the Inquiry, we will separately confirm your fee and an estimate of the amount of time to be spent in advance.

If an amount for GST is to be included in your fee, you will need to cite your ABN and either indicate that the fee is inclusive of GST or separately indicate the amount of GST charged. If your fee is more than \$50.00 and no ABN or compliant invoice is supplied I am required to withhold 48.5% of the fee on account of GST.

It is essential to comply with Australian Taxation Office requirements that any invoice be addressed to the business name: NSW Crown Solicitor's Office.

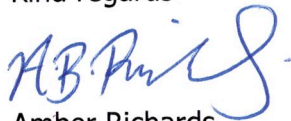
Confidentiality

Please ensure you keep your briefing, associated documents and your report **confidential**.

Conclusion

Please do not hesitate to contact Amber Richards, by your solicitor, on (02) 9258 0832 or amber.richards@cso.nsw.gov.au if you have any queries or require anything further to assist in the preparation of your report.

Kind regards



Amber Richards
Senior Solicitor
for Crown Solicitor

ANNEXURE A
Index to briefing documents for Professor Dawn Elder

TAB	DOCUMENT	DATE
Volume 1		
1.	Statement by Dr Barry John Springthorpe 3x attachments	6/12/99
2.	Statement of Dr Ian Arthur Wilkinson re Patrick Folbigg	12/03/99
3.	Statement of Dr Ian Arthur Wilkinson re Patrick Folbigg including Medical Certificate of cause of death of Patrick Folbigg	8/10/99
4.	Expert Certificate of David Michael Cooper, paediatrician, including Physiological monitoring report and EEG Report	6/12/99
5.	Expert Certificate and Statement of Dr Christopher Walker including contemporaneous notes	18/01/00
6.	Expert Certificate and Statement of Dr Joseph George Dezordi including Interim discharge letter and history, examination and progress notes	17/03/00
Volume 2		
7.	Expert Certificate and Statement of Dr Christopher Seton, paediatrician including sleep study reports and letters	23/11/99
8.	Report of Dr Peter Berry	11/00
9.	Report of Dr Janice Ophoven	01/12/01
Volume 3		
10.	Expert Certificate and Statement of Professor Peter Herdson	17/01/02
11.	Report of Clinical Professor Roger W. Byard to Legal Aid	18/10/02
12.	Medical report of Professor Anthony Busuttill prepared for defence	6/11/02
13.	Report of Professor Roger W Byard	14/04/03
14.	Expert Certificate of Dr Susan Beal	8/12/99

ANNEXURE B

Uniform Civil Procedure Rules 2005, Sch 7: Expert Witness Code of Conduct

1 Application of code

This code of conduct applies to any expert witness engaged or appointed:

- (a) to provide an expert's report for use as evidence in proceedings or proposed proceedings, or
- (b) to give opinion evidence in proceedings or proposed proceedings.

2 General duties to the Court

An expert witness is not an advocate for a party and has a paramount duty, overriding any duty to the party to the proceedings or other person retaining the expert witness, to assist the court impartially on matters relevant to the area of expertise of the witness.

3 Content of report

Every report prepared by an expert witness for use in court must clearly state the opinion or opinions of the expert and must state, specify or provide:

- (a) the name and address of the expert, and
- (b) an acknowledgement that the expert has read this code and agrees to be bound by it, and
- (c) the qualifications of the expert to prepare the report, and
- (d) the assumptions and material facts on which each opinion expressed in the report is based (a letter of instructions may be annexed), and
- (e) the reasons for and any literature or other materials utilised in support of each such opinion, and
- (f) (if applicable) that a particular question, issue or matter falls outside the expert's field of expertise, and
- (g) any examinations, tests or other investigations on which the expert has relied, identifying the person who carried them out and that person's qualifications, and
- (h) the extent to which any opinion which the expert has expressed involves the acceptance of another person's opinion, the identification of that other person and the opinion expressed by that other person, and
- (i) a declaration that the expert has made all the inquiries which the expert believes are desirable and appropriate (save for any matters identified explicitly in the report), and that no matters of significance which the expert regards as relevant have, to the knowledge of the expert, been withheld from the court, and
- (j) any qualification of an opinion expressed in the report without which the report is or may be incomplete or inaccurate, and

- (k) whether any opinion expressed in the report is not a concluded opinion because of insufficient research or insufficient data or for any other reason, and
- (l) where the report is lengthy or complex, a brief summary of the report at the beginning of the report.

4 Supplementary report following change of opinion

- (a) Where an expert witness has provided to a party (or that party's legal representative) a report for use in court, and the expert thereafter changes his or her opinion on a material matter, the expert must forthwith provide to the party (or that party's legal representative) a supplementary report which must state, specify or provide the information referred to in clause 3 (a), (d), (e), (g), (h), (i), (j), (k) and (l), and if applicable, clause 3 (f).
- (b) In any subsequent report (whether prepared in accordance with subclause (1) or not), the expert may refer to material contained in the earlier report without repeating it.

5 Duty to comply with the court's directions

If directed to do so by the court, an expert witness must:

- (a) confer with any other expert witness, and
- (b) provide the court with a joint report specifying (as the case requires) matters agreed and matters not agreed and the reasons for the experts not agreeing, and
- (c) abide in a timely way by any direction of the court.

6 Conferences of experts

Each expert witness must:

- (a) exercise his or her independent judgment in relation to every conference in which the expert participates pursuant to a direction of the court and in relation to each report thereafter provided, and must not act on any instruction or request to withhold or avoid agreement, and
- (b) endeavour to reach agreement with the other expert witness (or witnesses) on any issue in dispute between them, or failing agreement, endeavour to identify and clarify the basis of disagreement on the issues which are in dispute.