

Dorothy M K Keefe

Curriculum Vitae

2016

CAREER AND TRAINING HISTORY

NAME: Dorothy Mary Kate Keefe PSM MBBS MSc MD FRACP FRCP

CURRENT POSITIONS: **Clinical Ambassador**
Transforming Health
SA Health

Professor of Cancer Medicine
Faculty of Health Sciences
University of Adelaide

Adjunct Professor
Sansom Institute for Health Research
University of South Australia

Medical Oncologist
Royal Adelaide Hospital
(Central Adelaide Local Health Network)

NATIONALITY: Australian/British

DATE OF BIRTH: 6th October 1961

PLACE OF BIRTH: Hornchurch, Essex, England

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SUMMARY: Professor Keefe is the Clinical Ambassador for the Transforming Health initiative in SA, Professor of Cancer Medicine at the University of Adelaide, and a Senior Medical Oncologist at Royal Adelaide Hospital Cancer Centre. She is the Immediate Past-President of the Multinational Association of Supportive Care in Cancer (MASCC).

Dorothy Keefe graduated in Medicine from the University of London in 1986, migrated to Australia and became a Fellow of the Royal Australasian College of Physicians (FRACP) in 1996. She received her Doctorate of Medicine from the University of Adelaide in 1999, for a thesis entitled 'The effect of cytotoxic chemotherapy on the mucosa of the small intestine'.

Professor Keefe's research interest is in toxicity of cancer treatment, particularly gastrointestinal mucositis and how it links to other toxicities. Her laboratory work investigates chemotherapy and radiotherapy-induced whole gut damage, and the efficacy of new agents in prevention and treatment. She has authored over 100 peer-reviewed publications in this area.

Her leadership roles have included several years as Clinical Director of RAH Cancer Centre, and then as Director of the South Australian Cancer Service. She has International leadership experience as a Board member and then President of MASCC, and during her presidency was very active in developing links throughout Asia in Supportive Care in Cancer, culminating in hosting the MASCC Annual Scientific Meeting in Adelaide in June this year, with a particular focus on the Asia-Pacific.

In the 2013 Queen's Birthday Honours, Professor Keefe received the Public Service Medal for "outstanding service in the areas of Public Health, Medical Research and Oncology". And in 2014 she received the MASCC Distinguished Service Award for "longstanding, devoted and exemplary service to MASCC".

She has recently completed a Master's of Science (MSc) in Medical Leadership at Birkbeck College, University of London and her thesis was titled "Using Clinical Leadership to Drive Success in Making the 'Case for Change' for Healthcare Reform: A Case Study from the South Australian Transforming Health Program". She has now commenced studies in Business Accounting in order to round out her credentials in Health leadership.

EDUCATION:

- 1986** **Bachelor of Medicine and Bachelor of Surgery (MBBS)**
University College and Middlesex Hospital Medical School University of
London, London, UK
- 1996** **Fellow of the Royal Australasian College of Physicians (FRACP)**
Royal Australasian College of Physicians
- 1999** **Doctor of Medicine (by thesis)**
University of Adelaide
The effect of cytotoxic chemotherapy of the mucosa of the small intestine
- 2016** **Masters of Science (MSc) in Medical Leadership**
Birkbeck College, University of London

PROFESSIONAL APPOINTMENTS

- 2014 -** **Clinical Ambassador,**
Transforming Health, SA Health
- 2011 – 2015** **Service Director**
SA Cancer Service SA Health
- 2010 – 2011** **Regional Clinical Director**
Adelaide Health Service Cancer Services
- 2009-2013** **Chair, South Australian Cancer Clinical Network**
SA Health
- 2007 – 2010** **Clinical Director**
RAH Cancer Centre
- 2007 - 2009** **Deputy Chair**
South Australian Cancer Clinical Network
- 2007** **Chair**
MBBS Curriculum Committee (Operations)
Faculty of Health Sciences University of Adelaide
- 2006** **Chair MBBS Curriculum Committee**
Faculty of Health Sciences University of Adelaide
- 2006-2007** **Interim Clinical Director**
Royal Adelaide Hospital Cancer Centre Royal Adelaide Hospital
- 2005-2007** **Associate Professor in Oncological Medicine**
Discipline of Medicine, The University of Adelaide
- 2001-2011** **Senior Consultant Medical Oncologist**
Department of Medical Oncology Royal Adelaide Hospital
- 2000-2004** **Clinical Senior Lecturer**
Department of Medicine University of Adelaide

1999-2002	Consultant Medical Oncologist (Access appointment) Department of Gastroenterology The Queen Elizabeth Hospital (TQEH) Woodville Road Woodville South, SA 5011 Australia
1999	Associate Specialist Department of Haematology/Oncology. The Queen Elizabeth Hospital
1996-2000	Consultant Medical Oncologist Department of Medical Oncology. Royal Adelaide Hospital Cancer Centre
1996-1997	Anti-Cancer Foundation Research Associate Department of Gastroenterology. The Queen Elizabeth Hospital
1996-1999	Clinical Lecturer Department of Medicine The University of Adelaide
1995	Gastroenterology Research Fellow The Queen Elizabeth Hospital
1992-1994	Medical Oncology/Haematology Registrar Department of Haematology/Oncology The Queen Elizabeth Hospital
1989-1992	Basic Physician Trainee The Queen Elizabeth Hospital
1988	Senior House Officer The Royal Cornwall Hospital (Treliske) Truro, Cornwall, UK
1987-1988	Medical Officer/Watch Officer STS Young Endeavour Britain Australia Bicentennial Schooner Trust
1986-1987	Medical and Surgical House Officer Royal Cornwall Hospital and West Cornwall Hospital Cornwall UK

HONOURS AND AWARDS

2014	MASCC Distinguished Service Award For longstanding, devoted and exemplary service to the Multinational Association of Supportive Care in Cancer.
2013	Public Service Medal Queen's Birthday Honours For "Outstanding public service in the areas of Public Health, Medical Research and Oncology"
2009	Zonta International, Woman of Achievement Award 2009 Fellow of Royal College of Physicians (London)
1998	Clinical Research Prize The Queen Elizabeth Hospital Research Day

- 1993 **Clinical Research Prize**
The Queen Elizabeth Hospital Research Day
- 1993 **Best Physician Trainee**
The Queen Elizabeth Hospital

HIGHER DEGREE SUPERVISION

Post-doctoral fellow

- 2015 Dr Barbara Vanhoecke (Marie Curie International Outgoing Fellow)
Project Title: Development of a multidisciplinary platform for the screening of new preventive and therapeutic drugs against mucositis.

PhD Students Completed

- 2015 Dr Wan Noor l'zzah Wan Mohamad Zain
Thesis title: Mechanism of Lapatinib-Induced Gastrointestinal Toxicity in Breast Cancer Therapy.
- 2015 Dr Bronwen Mayo
Thesis title: The effects of Elsiglutide on chemotherapy-induced mucositis.
- 2014 Dr Taryn Bessen

Thesis title: Optimising follow-up for women after primary treatment for early breast cancer. Awarded Dean's commendation.
- 2012 Dr Siew Ping Lang
Thesis title: The Safe Administration of Rapid Rituximab Infusion: An Evidence-Based Approach.
- 2011 Dr Noor Al-Dasooqi
Thesis title: Chemotherapy-induced mucositis: the role of matrix metalloproteinases and the extracellular matrix.
- 2009 Dr Andrea Stringer
Thesis title: Chemotherapy-induced mucositis: the role of gastrointestinal microflora and mucins in the luminal environment.
- 2008 Dr Richard Logan
Thesis title: Alimentary Tract Mucositis: NF-kB and Pro-Inflammatory Cytokines in the Tissues and Serum Following Chemotherapy.
- 2006 Dr Joanne Bowen
Thesis title: Chemotherapy-induced intestinal mucositis: The role of apoptosis regulators.
- 2004 Dr Rachel Gibson
Thesis title: Chemotherapy-induced mucositis: mechanisms of damage, time-course of events and possible preventative strategies.

Doctorate of Clinical Dentistry Students (Coursework)

- 2013- Dr Gabrielle Allen – Paediatric Dentistry
Project title: Oral mucositis in a paediatric population.

2013- Narmin Nasr – Special Needs Dentistry
Project title: Management of oral toxicity of cancer treatment – a comparison between Australia and Oman.

Doctorate of Clinical Dentistry Students (HDR)

2010 – 2013 Dr Arlene Khaw – Periodontics
Project title: Influence of periodontitis on the experience of oral mucositis in cancer patients undergoing head and neck radiotherapy.

2009 – 2013 Dr Akram Qutob – Paediatric Dentistry
Project title: Assessment and Validation of a Diagnostic Scale, Oral Care Protocol and Prevention of Oral Mucositis in a Pediatric Population Receiving Cancer Therapy.

2009 - 2012 Dr Abdul Rahman Al-Azri – Oral Pathology
Project title: The role of matrix metalloproteinases in the pathology of mucositis.

TEACHING AND RELATED DUTIES

TEACHING AND TRAINING INNOVATIONS AND MATERIALS DEVELOPED

2011 - Chair, Board of Examiners Years 4 and 5, MBBS Curriculum, University of Adelaide

2006 Initiated and chaired the inaugural meeting of the Chairs of Australian Medical School Curriculum Committees.

2005 Developed and conducted the inaugural “Exam Setting Workshop” for the Year 5 final barrier exam for the new medical school curriculum.

2004-2005 Inaugural Co-ordinating Examiner for the Year 5 final barrier exam.

2003-2005 Chair of Common Program subcommittee of the MBBS Curriculum Committee. Developed common program for new medical school curriculum.

CURRICULUM DEVELOPMENT

2004-2005 Member Assessment Committee, MBBS Curriculum

2004-2005 Member of Year 6 Committee

2003-2005 Member of Year 4/5 Committee

2002-2005 Member MBBS Curriculum Committee during development of new curriculum

1999 Member of Oncology Concept Mapping Group for development of Curriculum 2000

CURRICULUM REVIEW

2006 Submission to the University of Adelaide review of the MBBS program on behalf of the curriculum committee.

2006 Member of working group developing submission to the Australian Medical Council regarding accreditation of the University of Adelaide MBBS program. Accreditation achieved until 2011.

2005 Royal Adelaide Hospital Physicians’ Committee Curriculum Workshop. Developed and facilitated a review of medical student selection and assessment, as well as course structure, and generated a report for the University of Adelaide.

POST GRADUATE MEDICAL TEACHING

1999-2006 Intern Term Supervisor, Medical Oncology

- 1996-2007** Long-case FRACP trial examiner, Basic Physician Trainees, RAH
- 2006/2011** Re-accredited supervisor for Medical Oncology Trainees of the Royal Australasian College of Physicians
- 2006-2014** RACP State representative for assessment of overseas training in Medical Oncology.

COMMUNICATION SKILLS TRAINING

- 2006** **NBCC Train the Trainers workshop**
Training future facilitators for communications workshops in cancer
- 2006** **Medical Oncology Group of Australia, Trainee Communications Workshop** Training Medical Oncology and Palliative Care Advanced Trainees in communication skills, and mentoring newly trained facilitators
- 2005** **American Society for Clinical Oncology/Clinical Oncological Society of Australia (ASCO/COSA) communication skills workshop: Facilitator**

ASSESSMENT

- 2008-** Chair, MBBS, Year 4/5 Board of Examiners
- 2007** Member of Academic Progress Review Committee Faculty of Health Sciences
- 2002-2006** OSCE Examiner for Medical School
- 2000-2010** Local Examiner for Royal Australasian College of Physicians

RESEARCH, SCHOLARSHIP AND CREATIVE ACTIVITY RESEARCH COLLABORATIONS

International Academic

- 2004 - 2015** **Triad Burden of Illness in Mucositis**
Professor Stephen Sonis
Brigham and Womens' Hospital, Boston, MA, USA Professor Linda Elting
MD Anderson Cancer Centre, Houston, TX, USA
- 2004 - 2011** **The use of probiotics to prevent mucosal injury in the gut**
Professor Claudio Simone Rome, Italy
- 2001 - 2013** **Guidelines for the management of mucositis**
The Mucositis Study Group
The Multinational Association for Supportive Care in Cancer (MASCC)

RESEARCH CONSULTANCIES

International Pharmaceutical Industry

- Helsinn** Member of Advisory Board and research collaboration in field of oral and gastrointestinal mucositis
- Merck** Member of Advisory Board and research collaboration in Emesis

Consultant in gastrointestinal mucositis for multiple companies:

Pfizer, GSK, Inform Genomics, Entera Health, Procetus, Lactopharma