Centre for Research in Nursing & Midwifery Education team:

Dr Helen Allan: Reader in Nursing and Director of CRNME

Penny Robinson: Research Project Officer & PA to Dr Helen Allan

Dr Khim Horton – Senior Lecturer Clinical (Care of Older People)

Dr Anki Odelius – Research Fellow (RESPONSE Project)

Dr Carin Magnusson – Research Fellow (AaRK Project)

Associate members of CRNME:

Ms Stephanie Fuller – DHSC Research Administrator

Mrs Alison Rhodes - Director of Studies: MSc Teaching & Learning
Dr Nimmi Hutnik - Senior Lecturer

Mrs Denise Skidmore - Lead Midwife & Associate Head of Midwifery Programmes

Professor Helen Cowie – Emeritus Professor and Director of the UK Observatory

Research Partners:
Ms Helena Blazun, Erasmus & IP Programmes, University of Maribor, Slovenia
Professor Alan Cribb, Kings College, London
Professor Karen Evans, Institute of Education, London
Professor Billie Hunter, Swansea University
Professor Martin Johnson, University of Salford
Dr Sheryl de Lacey, Flinders University, Australia
Associate Professor Carol Leppa, University of Washington, USA
Dr Debbie Payne, Auckland University of Technology, New Zealand
Professor Roger Watson, The University of Sheffield, UK
Professor Miriam Zukas, Birbeck College, London

Our NHS Partners include:
Ms Vanessa Avlonitis, Ashford & St Peter’s NHS Trust, Acting Chief Nurse
Ms Ellen Bull, Royal Surrey County Hospital, Guildford, Director of Nursing and Patient Experience
Ms Mary Dunne, Frimley Park Hospital, Director of Nursing, Quality and Patient Services
Ms Kathleen Ely, Surrey Community Health, Director Healthcare Governance and Performance / Executive Nurse
Ms Louise Stead, Royal Surrey County Hospital, Guildford, Acting Chief Nurse
Ms Mandy Stevens, Surrey and Borders Partnership, Director of Quality and Performance (Nurse Director)
Ms Clare Stone, South East Coast Strategic Health Authority, Programme Lead – Energising for Excellence in Care
Mr Graham Tibble, Central Surrey Health, Customer Liaison and Communications Officer
Dr Martha Wrigley, Ashford and St Peter’s NHS Trust and CLRN Nursing Lead

International Centre for Nursing Ethics
Dr Ann Gallagher, Reader in Nursing Ethics and Director of the International Centre for Nursing Ethics is affiliated with the CRNME (http://www.surrey.ac.uk/fhms/research/centres/icne/).
Director’s Introduction

We have had a busy year working with our partners and collaborators, and key national and international stakeholders to carry forward our strategic plan for 2011.

An important change has been the full-time secondment of Professor Pam Smith to the University of Edinburgh and the decision to fund two projects from the capital of both Trust endowments: AaRK and RESPONSE.

Achievements and Performance

The two projects funded from the Trust endowments are: AaRK which builds on previous work in the Centre on Clinical Leadership for Learning (previously funded by the General Nursing Council for England & Wales Trust), already widely disseminated in academic and professional journals and via the BBC website (http://news.bbc.co.uk/1/hi/health/8455266.stm). AaRK is a research partnership between the Centre, University of Salford and the Institute of Education, University of London.

RESPONSE which builds on the Clinical Leadership for Learning work around the standards of care in a target driven NHS and the resulting impacts on dignified care for patients. RESPONSE is a collaborative research partnership with the Royal Surrey County Hospital (RSCH) and other local NHS Trusts.

These projects will consolidate the Centre’s reputation as a leader in education for nursing and midwifery research.

Many of the findings from the Clinical Leadership for Learning have also been influential in developing the new BSc curriculum at Surrey.

Helen has been appointed to the NET/NEP 2012 conference scientific panel as an academic reviewer. She also continues in her role as EANS Fellow and intends to teach at the Summer School in Turku, Finland in 2012.

European Developments – A European on-line Gerontological Masters degree Programme – GEROM

The GEROM project, funded by the EU Education and Culture - Lifelong Learning Programme and Education, Audiovisual & Culture Executive Agency), involves six EU countries (Austria, Bulgaria, Finland, Ireland, Slovenia and UK). The online European Masters in Gerontology is based on an innovative curriculum using e-learning materials which will contribute to the advancement of knowledge within European Society through healthcare education. The project was completed at the end of September 2010 with a final report submission in November. This report was positively evaluated by the EU agency.

Promoting the Improvement of Elderly ICT skills and well being by inter-generational and multi-sectoral education (PRIMER-ICT)

The PRIMER-ICT project involved four EU countries: Slovenia (lead partner), Austria, Ireland and UK. PRIMER-ICT aims to contribute to the reduction of isolation within the older population through the promotion of ICT channels of communication. The contents of the courses were prepared in the languages of all participating countries. Each partner adapts and customises the materials for their local portal. The project PRIMER-ICT is executed by the consortium of four partners University of Maribor, Faculty of Health Sciences (Coordinator), Slovenia, University of Surrey, University of Dublin, and Carinthia University of Applied Sciences, Austria.

The success of PRIMER-ICT was due to these key factors:

1. The course provided what users wanted in that it was flexible and can be learned in their own pace;

2. The learning was made accessible to the users, in the community as well as reaching those in deprived and rural areas; and

3. The course was free to the users.
4. Engaging with local agencies was productive as in the case with Surrey Lifelong Learning Partnership which has a loan scheme through which community groups can borrow equipments such as laptops and peripherals including headsets and USB memory sticks.

The majority of the 171 older people who engaged with this project were new learners who had not previously been involved in any courses as such; for some since leaving school. This project has enhanced their thirst for lifelong learning, despite older people’s own stereotypical view of social ageing. In the UK alone, we were able to recruit 62 older people to complete the PRIMER-ICT programme. Participants were recruited across several sites such as Cornwall, Devon and several parts of Surrey, including areas of deprivation. The project was completed at the end of December 2010; its final report was submitted to the EACEA at the end of February 2011.

Centre for Learning Development Faculty Scholarship
Helen continues as Faculty FHMS Scholar which enables her to embed the Centre into Faculty teaching and learning structures. She sits as Scholar on the Faculty Teaching and Learning Committee. She contributes to the Post Graduate Certificate in Academic Practice and the new Graduate Certificate in Academic Practice. She is now an observer for the PGCAP and GCAP in academic practice and peer observes candidates on these two courses.

Women’s Health
Helen leads on women’s health and midwifery research with support from Denise Skidmore as Lead Midwife. She works with partners at Middlesex University, UK; Westminster PCT; The Association of Psychosexual Nurses, UK; Department of Nursing, Flinders, Australia and the Midwifery and Women’s Health Research Centre, Auckland University of Technology in New Zealand to develop research bids.

Helen continues to lead the academic support of doctoral midwifery candidates to offer support for post doctoral midwifery work.

Midwifery
A lecturer within the midwifery team is about to submit her doctoral thesis related to the role of the Consultant Midwife. This will be the third midwife in the team at Surrey to successfully complete their doctorate.

A successful bid for a DelPhe project to develop a curriculum with midwives in Erbil, Kurdistan, Northern Iraq has resulted in two visits from the team who will lead the programme in Erbil. A third visit is due in July and it is hoped the curriculum will commence in September 2011.

Professor Rosemary Pope Memorial Fund Award - April 2010
This prize is awarded for the best postgraduate thesis by a panel of experts who judge its significant contribution to nursing, midwifery and health care. This is an annual award and information about it is available on our Centre web pages.

The joint award winners in 2011 were:

Susan Robinson (MSc): Are preceptorship programmes effective in the retention of newly qualified/registered nurses entering their first employment position? A (Systematic) Review of the Literature.

New graduate nurses are health care organisations most abundant and renewable staffing resource (Sherrod et al 2008). Stress during the first year of a new nurses career can lead to attrition rates of between 55 and 61% (Schumacher 2007). With the cost of a nurse leaving their employment in the first year totalling the annual salary of one nurse, it is vital that this resource is sustained as nursing shortages are estimated at 36% by 2020 (Anderson & Linden 2009). This review identified that comprehensive preceptorship programmes are successful in the retention of newly qualified/registered nurse to the profession.
Liz Rockingham (MSc): The mentors’ lived experience of supporting learners.

Although there is a plethora of writing about the importance of mentorship within nursing, there would appear to be little research on the mentor’s experience of supporting student nurses in clinical practice. The aim of this study, The Mentors’ lived experience of supporting learners, was to explore the lived experience of mentors who support students in clinical practice. This provided insight into their lived experience of supporting student nurses giving greater understanding of the support mentor’s give learners. This study found that interpersonal relationships were paramount to the growth of a positive learning environment with the quality of the clinical experience having a significant impact. These results demonstrate the need for greater support for the mentor, increase opportunities for mentors to remain up to date and create circumstances for senior nurses to support learners.

Presentations were awarded at the Graduation Ceremony, April 2011 at Guildford Cathedral by Professor Pam Smith. Also in attendance was Mr Michael Pope, brother of Professor Pope. The award winners will also present at our Centre Annual Lecture on 30 June 2011.

University of Edinburgh and the University of Surrey
Professor Smith is now seconded full time to the University of Edinburgh.

Seminars and Workshops

Annual Centre for Research in Nursing & Midwifery Education Seminar on Mentoring, January 2011

‘They are our future: contemporary thoughts on mentoring nursing students in practice’

The CRNME held its 2nd Annual Seminar on Mentoring on Friday 21st January 2011 at the University of Surrey. Dr Jenny Spouse and Professor Karen Evans both provided keynote presentations. This event was well attended by delegates across the local Trusts and NHS and provided a day of stimulating debate and discussion.

Research activities

Completed projects

Promoting the improvement of elderly ICT skills and well being by inter-generational and multi-sectoral education (PRIMER-ICT)
Khim Horton, University of Maribor & University of Dublin
Funder: Lifelong learning: transversal

Joint development of an online gerontological Masters degree programme - “GEROM”
Khim Horton, University of Maribor & University of Dublin
Funder: Lifelong learning: transversal

Widening Participation through e-learning
Mike O’Driscoll, Helen Allan, Jill Shawe, Lee-Ann Segueira, & Vicki Simpson (Centre for Educational and Academic Development CEAD)
Funder: Widening Access Fund (WAF) - University of Surrey

Talking with UK Centenarians (Visiting Leverhulme Professorship – Professor Tina Koch)
Pam Smith, Tina Koch, Nimmi Hutnik & Rose Turner
Funder: The Leverhulme Trust
Developing online journal clubs
Mike O’Driscoll & Lee-Ann Sequeira
Funder: Fund for Researcher Development (FRD)

Development of a Research-based Cyber training Manual
Helen Cowie and Pat Colliety
Funder: EU Lifelong Learning

The Anti-Violence Campus at Second Life (AVC@SL)
Helen Cowie and Pat Colliety
Funder: EU Lifelong Learning

Projects in progress:

An investigation into the effects of academic award on registered nurses' ability to recontextualise knowledge to allow them to deliver, organise and supervise care (AaRK)
Dr Helen Allan, Professor Karen Evans, (Professor in Education, (Lifelong Learning), Institute of Education, University of London), Professor Martin Johnson, (Professor in Nursing, School of Nursing, University of Salford), Dr Khim Horton
Funder: The General Nursing Council for England and Wales Trust
March 2011 to February 2014

A collaborative research project to understand how (poor) communication by nurses and midwives contributes to complaints and to explore the role of clinical leadership in promoting effective communication for nurses and midwives in responding to informal complaints (RESPONSE)
Dr Helen Allan, Dr Ann Gallagher, Professor Karen Bryan, Dr Wendy Knibb, Professor Billie Hunter, (Professor of Midwifery, School of Human and Health Sciences, Swansea University)
Funder: High Coombe Trust
March 2011 to February 2014

The virtual anti-violence campus at second life
Helen Cowie & Pat Colliety
Funder: EU (LLP) Lifelong Learning Programme, Leonardo da Vinci Project

Teaching across DHSC programmes

CRNME staff continue to contribute to the teaching and learning programmes across the Division including Diploma and BSc, MSc, PhD supervision and the taught Doctorate in Clinical Practice.

Helen Allan
Helen continues as module leader for Communities in Practice on the taught doctoral programme and contributes to the BSc and MSc programmes, usually on research methods. She also supervises a personal tutor group of 10 pre-registration BSc students and also supervises PhD, MSc and BSc students. She has contributed to the new 2012 curriculum in three areas: research methods teaching; action learning sets and the personal tutor role.

Mrs Alison Rhodes – Programme Director, Learning & Teaching Framework
Alison Rhodes is the Director of Studies for the learning and teaching framework which ranges from the preparation of mentors and practice teachers to the MSc in learning and teaching for professional practice which encompasses qualified teacher status.

Alison continues to foster partnerships, working with practice and academic colleagues in the advancement of mentorship through support strategies. She also chairs the Practice Learning Steering Group, with a membership of 30+ which is instrumental in achieving this.
Dr Khim Horton – Senior Lecturer Clinical (Care of Older People)

Khim continues to contribute to both undergraduate and postgraduate programmes, through lectures, seminars and workshops as well as dissertation supervision. She stepped down as the Director of Studies, MSc Advanced Practice as of December 2010 due to other commitments. However, she continues to serve as the Erasmus Coordinator for the Division of Health and Social Care and works closely with the International Relations Office and colleagues within the Division to develop elective placements for the new curriculum of undergraduate programme. She has recently joined the newly-formed Faculty International Relations Committee as a member. She also represents the Division as a member of the European Federation of Nurse Educators (FINE) UK. She is also a committee member of the Global Initiative Committee, Sigma Tetau Tau International, Region 11 and has been actively participating in the dialogue within this region. During 8-11 March 2011, she participated in an Erasmus teaching exchange with the University of Turku and presented key seminars there. She also joined Dr Ann Gallagher in hosting a meeting with visitors from the University of Sao Paulo, Brazil during 11-13 April 2011 with the aim of strengthening our collaboration and interest on gerontology and nursing ethics.

Dr Nimmi Hutnik

Nimmi Hutnik and her team have trained a further 29 students as part of the Improving Access to Psychological Therapies Initiative. The course was highly commended by the National team and was given 5 years accreditation by the British Psychological Society. Nimmi Hutnik also attended the BABCP conference in Manchester in July 2010 and was awarded BABCP accreditation as a CBT therapist in addition to her Chartership as a Counselling Psychologist. A research grant proposal has been submitted to Dimbleby Cancer Care: ‘Getting Down to Coping’: remote self-management after treatment for prostate cancer with Sara Faithful and Jane Cockle Hearne. An article on the socio-emotional aspects of aging in the oldest old has been submitted for publication.

Supervision of Students

The Centre has continued to provide supervision for a large number of post graduate and doctoral students on the PhD, the Doctorate of Clinical Practice, MSc Advanced Practice, MSc Teaching & Learning.

**Completed theses:**

**PhD**

Steve Beaumont: Military nurses’ preparedness for combat
Karen Bryan & Helen Allan

Maha Al Madani: Saudi women’s attitudes to breast feeding
Helen Allan & Vasso Vydelingum

**MSc Advanced Practice**

Nikki Grimmett: A grounded theory study of operation department practitioners’ decisions to study
Helen Allan

**Current students:**

**Transfers to PhD**

Ann Mitchell: Guyanese migrant women’s experiences of living with Type II diabetes
Helen Allan & Tina Koch

Malachy Ujam: Experiences of MI for care of Nigerian patients in mental health hospitals in the UK
Karen Bryan & Helen Allan
**PhD students**

Alison Caldwell: Selection for midwifery BSc programmes: does emotional maturity help?
Helen Allan & Molly Courtenay

Kathy Curtis: A study of student nurse experiences
Pam Smith & Khim Horton

Shiha Bachtiar: Study of Infant Feeding Pattern in Malaysian Women and Comparison of Body Composition between Breastfed and Formula Fed Mother -Baby Pair
Khim Horton & Sue Lanham-New

Ambel Manikam: Preliminary title: Nurses’ perceptions about communicating with end of life issues
Khim Horton & Anne Arber

Monica Nikitara: Staff nurses knowledge and skills in educating diabetic patients for self management
Molly Courtenay & Helen Allan

**Doctorate of Clinical Practice**

Kit Tapson: One to one counselling as a response to bullying behaviours: a qualitative study of the perspectives of adolescents and counsellors
Helen Allan & Ann Gallagher

Sharon MacDonald: Examination of the unborn: does midwifery CPD influence practice?
Helen Allan & Anna Brown

Ruth Jackson: Decision making among health professionals when faced with obstetric emergencies
Helen Allan & Ann Gallagher

Hardinjer Singh: Supervision in mental health nursing
Helen Allan & Helen Cowie

Carol Cassam: GPs’ attitudes to prescribing nurses
Helen Allan & Vasso Vydelingum

Chrissie Lawson: Chronic Fatigue Syndrome/Myalgic Encephalopathy (CFS/ME) in children
Helen Allan & Khim Horton

Maggie Davies: Dignified care in cancer care
Ann Gallagher & Helen Allan

**MSc Advanced Practice**

Satomi Sai: Emotional Labour: Lessons from the care of the dying and death in Accident and Emergency and Intensive Care
Pam Smith

Jo Coleclough: Student learning
Helen Allan

Bukola Olayanju: Management of patients on acute care wards in alcohol withdrawal
Helen Allan
Agnes Buntain: Tele-health and the elderly
Helen Allan

Ray Doogarah: Modern matron’s experiences of managing patients with heart failure
Helen Allan

Louise Standen: The transition to the community matron role
Nicola Carey & Helen Allan

**MSc Learning & Teaching**

Alison Maitland: Preceptors experiences of their 1st year in practice
Helen Allan

**BSc**

Stephanie Britton: Telephone calls as a method of nurse-relative communication
Helen Allan

Anna Moon: Outreach services in the NHS
Helen Allan

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**Visiting Fellows and Professors**

Our visiting fellows and Professor’s offer an invaluable resource and stimulate new ideas for collaboration in education, practice and research.

**Dr Carol Leppa**, Professor, Nursing Studies and Continuing Professional Development, University of Washington, USA.

**Dr Debbie Payne**, Auckland University of Technology, New Zealand.

**Mrs Debbie Barber**, Nurse Consultant and Lecturer in Women's Reproductive Health at Oxford Fertility Unit, UK.

**Professor Ellen Rosskam**, University of Massachusetts Lowell, USA.

**Dr Sheryl de Lacey**, Lecturer, Flinders University, Australia.

**Professor Billie Hunter**, Professor of Midwifery, Swansea University.

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**Partnership working and International links**

**International Centre for Nursing Ethics (ICNE)**

Helen Allan and Ann Gallagher (Reader in Nursing Ethics & Director, ICNE) have collaborated on a number of research bids with local NHS partners. They are currently working together on the RESPONSE project: Responding Effectively to Service user’s and Practitioners’ (nurses and midwives) perspectives on care concerns - developing Sustainable responses through collaborative Educational action research. They continue to develop and submit research proposals for funding on topics relating to improving the patient experience, for example, on dignity in care and organisational ethics.
Ann is Editor of the journal *Nursing Ethics* and will be hosting the 2011 nursing ethics conference at the University of Surrey on the theme of ‘Researching nursing ethics and the ethics of research’ from 7th to 8th September. Plenary speakers are from Brazil, Canada, Finland, Germany and the UK. In 2011, Ann was invited by the International Council of Nurses’ to give a plenary lecture at their conference in Malta on the topic of dignity in care and moral distress. She co-organised (with the journal Ethics & Social Welfare, the RCN and BASW) a dignity in health and social care conference in London in May 2011. Plenary speakers included Baroness Mary Warnock, Professor Malcolm Payne, Barbara Pointon and Harry Cayton. Ann was invited to be a member of the international board of the new Centre for Excellence in Nursing Scholarship in Italy and attended the launch conference in Rome in May 2011.

The ICNE has also recently opened a Facebook page and the ICNE web-site has recently move to the University of Surrey server: http://www.surrey.ac.uk/fhms/research/centres/icne/

**Phd student visit, Cristina Paganini, September 2010 to December 2010**

Santander funding enabled Brazilian PhD student, Cristina Paganini, to spend 3 months working with Ann Gallagher on end of life ethics. Cristina attended university research events and experienced ethics-related events at local hospital and hospices. Her visit led to the development of a research relationship between her supervisor, Professor Regina Bousso, and Ann Gallagher. They were awarded funding from the University of Surrey and the Brazilian research funding body (FAPESP) for project development expenses. This will involve Professor Bousso coming to the University of Surrey for research meetings in September 2011 and Ann Gallagher visiting the University of Sao Paulo (USP) in October 2011. The research theme is: nurses' involvement in end of life decision-making: a cross-cultural comparison.

Ann also worked with Professor Karen Bryan and Khim Horton to host a visit from Professor Silvia Cassiani and Dr Yeda Duarte from the University of Sao Paulo in April 2011. It has been agreed that a cross-cultural research intensive programme, involving research staff from USP and the University of Surrey, will be held at the University of Surrey in July 2011.

**Visit by Arja Haapakorva – University of Eastern Finland, March 2011**

The Centre hosted a visit by Ms Arja Haapakorva, Faculty of Health Sciences, University of Eastern Finland during 4-7 May 2011. Arja presented a key lecture to the faculty on ‘Finnish education system, dual model in health care education and the essentials of the University of Eastern Finland’. She also facilitated sessions to MSc students on web-based learning as well as personal and professional development from a Finnish perspective.

**University of Turku, 9 March 2011. International Seminar: older people's service innovations**

Khim Horton attended this event and presented on research findings and details of the NHS reforms currently underway. The seminar was essentially anti-innovation in the service area, which is the EU’s Europe 2020 Agenda. Service Innovation also aims to improve EU competitiveness and create new business models.

**National Yang-Ming University, June 2011 – September 2011**

Two PhD students from the National Yang-Ming University, Taiwan will be visiting the Division for three months from June 2011. Both students will be supervised by Dr Helen Allan and their topics of work include the technology of Osteoporosis Screening in Taiwan.

**Professor Helen Cowie – UK Observatory for the Promotion of Non-Violence**

Following its success in hosting a Study Tour in 2010 for members of the Japanese Peer Support Association (JPSA), the UK Observatory for the Promotion of Non-Violence (UKO) www.ukobservatory.com hosted a follow-up Study Tour in March 2011 focussing on social and emotional aspects of learning and restorative approaches in schools. Despite the tragic events in Japan, all but 2 of the delegates attended. They built on the content of the study tour to plan ways to help survivors of the earthquake, in particular to offer their expertise in supporting children who have been emotionally affected.
Helen Cowie continues to carry out research into cyber bullying and in 2011 joined a group of European researchers in the COST initiative examining the coping strategies that young people and their teachers use for dealing with this relatively new phenomenon. She will be presenting some preliminary findings at the European Network for Social and Emotional Competence (ENSEC) conference in Manchester in June 2011. She has also been invited by the Humanistic Education Foundation in Taiwan to give a keynote and workshop at their conference in Taipei in August 2011.

Working with Emotions Network (EMNET)
We have continued throughout the year to hold our regular emotions interest group meetings. Topics have included:

‘Working on the wards: emotional (de)attachment to patients’
‘Using psycho-dynamic small group work in nurse education: closing the theory-practice gap?’

University of Salford and the University of Surrey
Both partners continue to collaborate on research bids and teaching on their respective ‘D’ level programmes using innovative teaching and learning activities. Currently Professor Martin Johnson is a research partner on the AaRK project.

Centre website
The CRNME website continues to be maintained and reviewed by Penny Robinson. Penny also assists with the research theme webpages across the Division which involves working in conjunction with Professor Tom Quinn and other associated colleagues.

Research Highlights
Our Research Highlights include:

Issue 1: A Retrospective Evaluation of the Multidisciplinary Project at the Townend General Practice
Issue 2: Researching Equal Opportunities for Internationally Recruited Nurses and other Healthcare Professionals
Issue 3: Development of a Good Practice Tool for Mentors
Issue 4: Valuing and Recognising the Talents of a Diverse Healthcare Workforce
Issue 5: Supporting Professional Education in the Field (Project Mercury): An evaluation
Issue 6: GNC Leadership for Learning
Issue 7: The Professional Experience of Governance and Incentives: Meeting the Needs of Individuals with Complex Conditions in Primary Care

Publications (July 2010 to June 2011)

BOOK CHAPTERS
PEER REVIEWED ARTICLES


Allan H T (2010) Mentoring overseas nurses:: Barriers to effective and non-discriminatory mentoring practices in *Nursing Ethics* 17 (5)


Conference presentations

**Dr Helen Allan**

Invited presentation: Fertility 2011 Conference, Dublin, January 2011

RCN International Research Conference, Harrogate, May 2011

Invited member of BSA Human Reproduction Conference, Open University, June 2011

Invited member of International Scientific Review Panel: NETNEP 2012, Baltimore Maryland, USA, 17-20 June 2012

**Dr Khim Horton**

Gerontological Society of Singapore Conference, Singapore, March 2011

4th European Nursing Congress: Older Persons: The Future of Care, Rotterdam. 4-7 October 2010

FHMS Festival of Research, July 2010