**Associate Professor Nehmat Houssami,MB BS (Hons), MPH, M Ed, FAFPHM, FASBP, PhD**

School of Public Health, Sydney Medical School, University of Sydney; & NSW Women’s Breast Centre, Royal Hospital for Women, Randwick, NSW.

|  |  |
| --- | --- |
| Summary of current roles | Timeframe |
| Principal Research Fellow & NBCF *Practitioner Fellow*, STEP, School of Public Health (0.7 FTE); Principal Research Fellow, Screening & Test Evaluation Program, School of Public Health (0.5 FTE) | 2013–current2009-2012 |
| Consultant Breast Physician, NSW Women’s Breast Centre, Royal Hospital for Women, Randwick | 2002 –current |
| Co-Editor of *The Breast*  | 2008-2014 |
| Summary of past roles | Timeframe |
| Consultant Breast Physician, Australian Breast Centre, Sydney | 2008-2009 |
| Level C Research Academic (fractional appointments of 0.2 to 0.4 FTE) | 2004-2008 |
| Associate Clinical Director, NSW Breast Cancer Institute, Westmead  | 2002-2005 |
| Medical Director, Sydney Breast Clinic | 1996-2002 |
| Assistant Medical Director, Sydney Breast Clinic | 1994-1995 |
| Breast Physician, Sydney Breast Clinic | 1990-1994 |
| Internship & Residency, Concord, Auburn, Nepean, and Ryde Hospitals | 1989-1990 |

***Career Overview***

I am a researcher, a public health physician and a clinician (breast physician), who has focused her career on breast cancer – I have combined the synergies of clinical practice and research roles since completing my PhD to contribute knowledge and its translation in breast cancer care. My scholarly work integrates clinical and public health medicine to address gaps in evidence and to support evidence-based practice in breast cancer diagnosis, screening, and treatment. I have developed and led the *Breast Cancer Research Portfolio* in the Screening & Test Evaluation Program (STEP), and have recently extended my research portfolio through award of a NBCF *Practitioner Fellowship*. I am also Co-Editor of an international journal (The Breast).

My *Breast Cancer Research Portfolio* has achieved international recognition evidenced through approximately **150 peer-reviewed publications** (most in international journals) including landmark screening trials that have been recognised through publication in some of the world’s highest-ranked medical & oncology journals (3 examples: page 2), numerous invited presentations at international and national conferences (many plenary lectures), coverage in national and international media (including national TV), and through invited participation in international consensus panels and cancer clinical guidelines that have integrated my research in guidelines. In the past 5 years alone, my work has received >3000 citations and several editorials commenting on the relevance of my research to practice. **My H-index is 36** (Google Scholar at March 2014).

The vast majority of my research, has been formed through extensive national and international collaborations (in Europe, UK, and USA) thus facilitating access to large clinical and population databases, and supporting both clinical studies as well as major collaborative evidence synthesis projects. The *Breast Cancer Research Portfolio* covers six broad research themes allowing substantial scope for research academics to be inspired to develop their own projects and to be supported by inter-disciplinary mentoring teams to grow independence in research; these include:

* Evaluations of breast screening (high-risk screening; population screening);
* Breast cancer imaging for staging and for treatment monitoring;
* Metastatic (advanced) and locally-advanced breast cancer;
* Translation of digital breast tomosynthesis or 3D-mammography into screening;
* Evidence synthesis, meta-analysis, and supporting clinical practice guidelines; and
* Effect of testing on clinical endpoints and patient outcomes.

In addition to almost 2 decades of clinical teaching, in my academic roles I have mentored clinicians and academics in various research projects, all of which have been successfully completed. I supervise or co-supervise post-graduate research students enrolled at Sydney University (Sydney Medical School and other Faculties) and also co-supervise post-graduate research students enrolled in other Australian states/universities or overseas. My mentoring involves forming cohesive mentoring teams, that include public health and clinical experts, who work with me in supporting post-graduate research students and ECRs. I have past and ongoing collaborations with the Breast Cancer Surveillance Consortium (USA), the European School of Oncology, Edinburg Breast Unit, Memorial-Sloan Kettering Cancer Centre, and BreastScreen (WA, SA, and NSW). I am an active member of the Cancer Research Network (CRN), University of Sydney; Sydney Catalyst, Clinical Trials Centre & University of Sydney; Australasian Society of Breast Disease; and the Australasian Faculty of Public Health Medicine. I lead the public health theme in the *Breast Cancer Special Interest Group*, and am also a member of BreastScreen NSW *State Accreditation & Quality Improvement Committee*, Cancer Institute NSW. I have previously held Directorship roles in both public and private breast clinical services, and also managed the transition to digital mammography in my role of Associate Clinical Director (NSW Breast Cancer Institute) where I also chaired the Imaging Research Group.

Three examples of research from major international collaborations formed under my lead:

**Houssami N**, Turner R, Macaskill P, Turnbull LW, McCready DR, Tuttle TM, Vapiwala N, Solin LJ. An individual person data meta-analysis of preoperative MRI and breast cancer recurrence. *Journal of Clinical Oncology* 2014; 32: 392-401 [Impact Factor=18]

**Houssami N**, Abraham LA, Miglioretti DL, Sickles EA, Kerlikowske K, Buist DS, Geller BM, Muss HB, Irwig L. Accuracy and outcomes of screening mammography in women with a personal history of early-stage breast cancer. *JAMA* 2011; 305(8):790-9. [IF=30]

Ciatto S, **Houssami N,** Bernardi D, Caumo F, Caumo F, Pellegrini M, Brunelli S, Tuttobene P, Bricolo P, Fantò C, Valentini M, Montemezzi S, Macaskill P. Integration of 3D digital mammography with tomosynthesis for population-breast screening (STORM): a prospective comparison study. *Lancet Oncology* 2013; 14: 583-589. [IF=25]

## Post-Graduate Training & Medical Fellowships

* PhD (Clinical Epidemiology), School of Public Health, Sydney University: awarded 2002
* Fellow of the Australasian Faculty of Public Health Medicine (FAFPHM), RACP
* Master of Public Health (MPH): awarded 1996
* Master of Education (M Ed; Health Ed): awarded 2000
* Fellow of the Australasian Society of Breast Physicians (FASBP)

**Undergraduate qualifications: Medical degree** MB BS (Honours), Sydney Medical School, University of Sydney (awarded 1989).