



Workshop on
**‘University-industry knowledge networks, changing
scientific careers and innovation’**

29th March 2007

Venue: International Boardroom IN244,
Royal Holloway, University of London, Egham

Workshop organizer:

Professor Alice Lam, alice.lam@rhul.ac.uk
Jean-Paul Lambermont-Ford, j.lambermont-ford@rhul.ac.uk
School of Management,
Royal Holloway, University of London

Aims of workshop

The past decade has witnessed growing intensity of university-industry ties and academic knowledge capitalisation. Some argue that the enhanced economic role of universities in the knowledge-based economy is transforming the division of labour between university and industry from the traditionally separate institutional spheres towards an overlapping knowledge infrastructure characterised by two-way flows of knowledge and people. Tighter business connections and knowledge capitalisation may also transform the norms and reward structures of science, and influence the occupational roles and career experiences of academic scientists. Recent research has drawn attention to the growth of an ‘entrepreneurial academic paradigm’ and emergence of a ‘dual cognitive mode’ among academic scientists focused both on achieving fundamental advances in knowledge and commercial capitalisation of knowledge.

The aim of this workshop is to bring together researchers and practitioners to explore how closer ties between university and industry are transforming the nature of work roles and professional orientations of university scientists. It will examine issues of motivation and incentives in knowledge transfer between university and industry, and more generally how networked innovation is transforming the role of universities in a knowledge-based economy. The workshop will present the results of recent studies in the UK and some other European countries, and also include contributions from leading academic scientists and practitioners. It will conclude with a forum for discussing the policy and research issues arising.

Workshop Programme

- 10.00-10.30 Registration and coffee
- 10.30-10.45 Opening remarks
- 10.45-11.45 *'Work roles and careers of academic scientists in university-industry knowledge networks: continuities and contradictions'*
Professor Alice Lam, Royal Holloway, University of London
Chair: Professor Chris Smith, Royal Holloway
- 11.45-12.00 Pause for coffee
- 12.00 -13.00 *'The transfer of knowledge and innovation from the university to the economy: institutional incentive structures and (bio)scientists work and professional orientations'*
Dr Petra Moog, University of Zurich
Chair: Dr Michael Gold, Royal Holloway
- 13.00-14.00 Lunch
- 14.00-14.45 *'Confessions of an entrepreneurial scientist: motivation, careers and rewards in university-industry knowledge transfer'*
Professor Anthony Finkelstein, University College, London
Chair: Professor Fionn Murtagh, Royal Holloway
- 14.45-15.30 *'The role of universities in a knowledge-based economy'*
Professor David Charles, University of Newcastle
Chair: John Barber, DTI
- 15.30-16.00 Pause for coffee
- 16.00-17.00 Round table discussion
'Knowledge frontiers, crossing boundaries: managing contradiction and cooperation in joint knowledge production between university and industry'
Chair: Prof Ewan Ferlie (RH)
Panel members: John Barber (DTI)
Prof. Peter Bramley (RH)
Prof David Charles (Newcastle)
Prof Anthony Finkelstein (UCL)
Prof Alice Lam (RH)