BIOGRAPHIES OF MATCH INVESTIGATORS

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Multidisciplinary Assessment of Technology Centre for Healthcare

UNIVERSITY OF BIRMINGHAM | Brunel UNIVERSITY WEST LONDON | The University of Nottingham | University of ULSTER

University of Birmingham

Alan Girling is a statistician with many years research experience in the development and application of statistical methodology, particularly in the health sciences, and has contributed statistical expertise to a number of clinical and laboratory studies. He joined the MATCH programme at the University of Birmingham in 2004 where his interests centre around HTA for medical devices. Recent work has explored the implications of individual patient choice for health-economic analysis. He is currently working on the role of health economic models in the commercial development cycle for medical devices.

Professor Richard Lilford has over ten years' experience as Professor of Obstetrics and Gynaecology and over five years as Regional Director of R&D in the UK. Currently he is Professor of Clinical Epidemiology in the University of Birmingham and Director of the Birmingham Clinical Research Academy where he has been appointed Director of the Patient Safety Research Programme and is working closely with agencies such as the National Institute for Health and Clinical Excellence, National Patient Safety Agency and Commission for Health Improvement. He contributes to research and its implementation on a Medical Research Council (MRC) Board and MRC and Department of Health Committees. He also has an extensive research portfolio in Clinical Trials, Decision Analysis and Bayesian Statistics. He holds a National Institute for Health Research (NIHR) Senior Investigator award and is Principle investigator on a £10M NIHR Collaborations for Leadership in Applied Health Research and Care grant. Richard is the Birmingham representative on the MATCH Executive Committee and the MATCH Project II joint Project Co-ordinator.

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Brunel University

Dr. Julie Barnett is a social psychologist with extensive experience of conducting empirical research using both qualitative and quantitative methods. She has received funding from research councils, government departments and agencies, and charities, to conduct research which has focused upon eliciting lay perspectives around a range of health and environmental issues. She has expertise in relation to risk perception and communication, social influence processes, information provision and public engagement and participation. Dr Barnett is on the Executive Committee of the Society of Risk Analysis (Europe) and is a Fellow of the RSA. Julie is the Brunel representative on the MATCH Executive Committee and the MATCH Project III Project Coordinator.

Professor Martin Buxton is Director of the Health Economics Research Group, with over 30 years active involvement in research on health economics and health policy. He has been a key player in the move to produce policy-relevant economic evaluations and to encourage their use in practice. His work in the 1980s' on the embryonic heart transplant programmes is cited as one of the first examples of economic evidence directly influencing national health policy in the UK. He has served as a non-executive member of health authorities and on many expert and advisory committees. He was a member of the first NICE Appraisals Committee and continues to work with them in various ways, and he is currently a member of the UK National Screening Committee. He has been a consultant to most of the major pharmaceuticals on economic evaluation and reimbursement strategies. Martin is the MATCH Project II joint Project Co-ordinator.

Dr. Malcolm Clarke is a Reader in Telemedicine and eHealth Systems in the School of Information Systems, Computing and Mathematics. In addition to the research as part of MATCH where he is leading a large RCT on home based monitoring, and is currently involved in two European funded research projects, REACTION and inCASA, aimed at managing diabetes through technology. He is past chair of the American Telemedicine Association Special Interest Group in Technology and is on IEEE, EN and ISO committees working on standards for medical devices, being a lead architect of the 11073-20601 standards for personal health devices. Dr Clarke has a unique combination of expertise in communications, engineering and systems design with experience of working in the medical engineering field for 25 years.

Professor Ian Robinson Emeritus is a sociologist with over 30 years of research in societal issues of health and illness at Brunel. He worked closely with multiple sclerosis communities and has researched public attitudes into clinical trials, including RCTs. He was the Director of the Centre for the Study of Health, Sickness and Disablement and was Associate Dean of the Graduate School, and now contributes to the user needs work on MATCH.

Dr. Simon J E Taylor is a Reader in Computing at the School of Information Systems, Computing and Mathematics. For most of his career he has worked in delivering advanced computing solutions to end users in both industry and academia. A significant part of this has been in Operational Research and Management Science. He has founded, and chairs, an international standardisation group in Simulation Interoperability under SISO (2005), has chaired the UK ORS Simulation Special Interest Group (1996-2006) and the US ACM's Special Interest Group on Simulation (2005-2008). He has also founded, and is the joint editor-in-chief of the Journal of Simulation.

Professor Terry Young joined Brunel in 2001 after 16 years in industry, where his background lay in photonics and broadband system research, management and business development. He is now Principle Investigator for MATCH and has won Engineering and Physical Sciences Research Council (EPSRC) grants totalling roughly £13M. He is particularly keen to see the uptake of research in industry and the public sector and, indeed, to see key findings embedded in policy, which has led to the development of a range of models for engagement with such organisations. His current interests lie in the coordination of innovation at the service and technology levels to deliver better managed and more integrated care. Terry is Chairman on the MATCH Executive Committee.

The University of Nottingham

Professor John Crowe is Professor of Biomedical Engineering at the University of Nottingham, with expertise in the development and clinical use of novel instrumentation. This has involved extensive collaboration with clinicians, equipment manufacturers and other agencies. He has served on IET and IPEM committees and currently sits on the editorial board of 'Physiological Measurement'.

Dr. Steve Morgan is an Associate Professor and Reader in biomedical optics at the University of Nottingham. Since 1992 he has been researching novel optical techniques for imaging and spectroscopy of tissue. His research involves the development of novel optical devices to monitor tissue for applications such as blood flow measurement. Recently, he has been investigating novel methods of sensing and imaging in regenerative medicine. His research interests also include assessing the value of healthcare technologies at an early stage in the development process. In this area he works closely with the NHS National Innovation Centre and NHS Centre for Evidence Based Purchasing. Steve is the Nottingham representative on the MATCH Executive Committee and MATCH Project I Project Co-ordinator.

Dr. Sarah Sharples is an Associate Professor in Human Factors in the Department of Mechanical, Materials and Manufacturing Engineering at the University of Nottingham and Head of the Human Factors Research Group. She has been a researcher, research manager or grant holder on a number of industrial, government and EU funded projects, including a long term programme of research for Network Rail examining implications, design and implementation of novel interfaces for railway control and use of rail simulation for human factors research. She is a registered ergonomist, and her main areas of interest and expertise are Human-Computer Interaction, cognitive ergonomics and development of quantitative and qualitative research methodologies for examination of interaction with innovative technologies in complex systems.

University of Ulster

Dr. Mike Brennan is a lecturer in the University of Ulster Business School. He teaches Innovation & Entrepreneurship on Ulster's MBA programme and has published extensively in the area of business innovation and entrepreneurship. He was instrumental in Ulster's successful bid for funding under the Science Enterprise Challenge and is a Principal Investigator for a PEACE 2 funded project to develop entrepreneurship in Northern Ireland. Mike also acts as business adviser in the areas of innovation and business development for a wide range of private and public organisations on the Island of Ireland.

Dr. Dorian Dixon is a lecturer at the University of Ulster in N. Ireland in the Nanotechnology and Advanced Materials Research Institute. His research which formed part of the University RAE submission has focussed on the areas of nano particle thermoplastic composites, surface modification and medical packaging systems. Within MATCH he is interested in using patient pathways to determine the value of disruptive technologies. Dorian is the MATCH Project IV Project Co-ordinator.

Professor Sally McClean is Professor of Mathematics at the University of Ulster. Her main research interests are in Statistical Modelling and Optimisation, particularly for Healthcare Planning, and Computer Science, specifically Databases, Sensor Technology and Telecommunications. She is currently grant holder on over £7M worth of funding, mainly from the EPSRC and other government sources. Sally is a Fellow of the Royal Statistical Society, and a past President of the Irish Statistical Association. She is a recipient of Ulster's Senior Distinguished Research Fellowship.

Professor Brian Meenan leads the Biomaterials and Tissue Engineering Research Group (BTERG) at the Nanotechnology & Integrated Bioengineering Centre (NIBEC), University of Ulster. He is a Fellow of the Royal Society of Chemistry, (CChem, FRSC), a Fellow of the Royal Academy of Medicine in Ireland and a Fellow of the Institute of Materials, Minerals and Mining (IoMMM) and a Past President of the UK Society for Biomaterials (UKSB). In addition to the EPSRC grants associated with MATCH and the Remedi Grand Challenge, he is a grant holder on several other awards, with a total grant income to date exceeding £7M. He has over 100 publications and active collaborations in Europe and the US. Brian is the Ulster representative on the MATCH Executive Committee.

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