

The review pro-forma/other document (e.g. Business Plan, Annual Report) should be submitted to the Secretary of the University's Research Committee by **5pm on Friday 22 February 2008**: Mr Richard Hudson ([r.j.hudson@sheffield.ac.uk](mailto:r.j.hudson@sheffield.ac.uk), ext. 21448, Research Office, 231 Glossop Road, Sheffield). Richard will arrange for the relevant Deputy Director of Research to review it.

## **REVIEW PRO-FORMA FOR 'UNIVERSITY', 'EXTERNALLY-FUNDED' AND 'SUPER' RESEARCH CENTRES**

### **1. THE RESEARCH CENTRE'S NAME:**

The Centre for Well-being in Public Policy

### **2. RESEARCH CENTRE CONTACTS (indicate roles and primary contact):**

Primary contact: John Brazier, Director, SchARR  
Donna Rowen, SchARR

Management group: Chris Armitage, Psychology  
Dimitris Ballas, Geography  
Andrew Dixon, Environment Division  
Liddy Goyder, Public Health, SchARR  
Kevin McKee, Sheffield Institute for Studies on Ageing  
David Phillips, Sociological Studies  
Joanna Shapland, Law and CCR  
Martin Smith, Politics  
Digby Tantam, Mental Health, SchARR  
Aki Tsuchiya, Economics and SchARR

### **3. DOES THE RESEARCH CENTRE POSSESS A WEBSITE?**

Yes

#### **3.1 IF THE RESEARCH CENTRE POSSESSES A WEBSITE, IS THE CONTENT OF THE WEBSITE ACCURATE AND UP TO DATE?**

Yes (being maintained by Donna Rowen, SchARR)

### **4. WHY AND HOW DOES THE RESEARCH CENTRE ADD VALUE TO THE UNIVERSITY?**

(e.g. what would be the consequences if this centre ceased to be active)

The University is fortunate in having a large and varied body of researchers interested in the field of well-being research. It currently includes at least 9 departments and sections of the University. CWIPP provides a unique opportunity to bring together a wide range of disciplines concerned with this field. This has resulted in a number of substantive outputs that are listed later in this report. These have included the following over the last 2 years:

- the work of the ESRC funded seminar series on valuing the intangible costs of crime that involved members from SchARR, economics, psychology and criminology.
- occasional workshops around specific topics - including climate change, analysing the BHPS data and developing a core set of well-being questions for primary research
- a successful seminar series attracting significant number of researchers from around the university
- numerous research grants from government agencies and research councils including examining the social value of a QALY, two Defra projects, a Welsh Assembly grant, an EPSRC studentship and a recent MRC grant.

### **5. STATE AND REVIEW THE RESEARCH CENTRE'S MISSION STATEMENT:**

Our goals are to consider how people's health and well-being can be defined, measured and improved in ways that help policy-makers determine the best use of scarce resources,

and to investigate the determinants of well-being insofar as these are relevant to policy formulation. The centre is a truly interdisciplinary one, bringing together people from such disciplines as economics, psychology, political science, geography, criminology, animal and plant sciences, public health and mental health. Throughout its activities, the Centre aims to combine theoretical development with policy relevance. It is fully committed to building its research portfolio, and becoming a leading international research centre in a major UK university.

**6. STATE AND REVIEW INTER-DISCIPLINARITY:**  
(i.e. researchers and departments involved)

Research activities/resources	SchHARR (J. Brazier / T. Peasgood /D. Rowen)	Economics (A. Tsuchiya / J. Roberts)	Psychology (C. Armitage / J.R. Eiser)	Politics (M. Smith)	Geography (D. Ballas /J. Rigby)	TRP (P. Bibby)	Public Health, Mental Health SchHARR (A. Hutchinson / E. Goyder / D. Tantam)	Law and CCR (S. Holdaway / J. Shapland)	Environment Division (A. Dixon)
Conceptual issues in defining well-being for public policy purposes	X	X		X		X		X	X
Measuring preferences over different elements of well-being	X	X	X					X	
The role of people's preferences in informing public policy	X	X	X	X					
Analysis of datasets on the geographical distribution of health and well-being					X	X			
Analysis of well-being information for policy relating to transport, housing, and settlement issues					X	X			X
Public and lay users valuations of health and well-being	X	X	X					X	
The use of measures of health and well-being in public health policy initiatives							X		
Losses in well-being from crime and the fear of crime	X	X				X		X	
Analysis of large datasets relating to the determinants of well-being	X				X	X	X		

**7. STATE AND REVIEW THE RESEARCH CENTRE'S STRATEGY, AIMS AND OBJECTIVES.  
(WHERE APPLICABLE, MAKE EXPLICIT REFERENCE TO PREVIOUS PLANS)**

This section begins by directly addressing the extent to which CWiPP has achieved the aims and objectives set out in its application for Centre status form in 2004.

**Aim 1: To be an inter-disciplinary research centre**

Objective 1.1: To establish an internal seminar series to encourage inter-disciplinary relationships

Objective 1.2: To establish a programme of day conferences and other events

Objective 1.3: To establish an external seminar series

A regular external seminar series was established in Autumn 2007. The seminar series has had some prominent speakers in the area of well-being and has been very well-attended.

Date and time	Speaker	Title
Thursday 6 <sup>th</sup> September 1-2.30pm	<b>Dr Derek Cox</b> Director of Public Health, NHS Dumfries and Galloway	Wellbeing and inequalities in health - translating theory into practice
Thursday 4 <sup>th</sup> October 1-2.30pm	<b>Professor Jonathan Wolff</b> Department of Philosophy, UCL	Health, Health-Risk and Well-Being
Thursday 1 <sup>st</sup> November 1-2.30pm	<b>Dr Paul Anand</b> Decision Sciences and Public Policy, Open University	The Measurement and Analysis of Human Capabilities
Thursday 6 <sup>th</sup> December 1-2.30pm	<b>Jane Parkinson</b> Public Health Advisor, Public Mental Health Indicators, Health Scotland	Measuring positive mental health - WEMWBS a new scale
Thursday 7 <sup>th</sup> February 1-2.30pm	<b>Dr Nattavudh Powdthavee</b> University of London	Does Happiness Adapt? A Longitudinal Study of Disability with Implications for Economists and Judges
Thursday 6 <sup>th</sup> March 1.00-2.30pm	<b>Professor Richard Wilkinson</b> University of Nottingham	Dysfunctional Societies: Why inequality matters
Thursday 1 <sup>st</sup> May 1-2.30pm	<b>Dr Julie Newton</b> Cardiff University	TBA
Thursday 5 <sup>th</sup> June 1-2.30pm	<b>Professor Ian Gough</b> University of Bath	Social policy for sustainable wellbeing
Friday 4 <sup>th</sup> July 1-2.30pm	<b>Dr Dimitris Ballas</b> University of Sheffield, and  <b>Dr Mark Tranmer</b> University of Manchester	Happy places, happy households or happy people? A multi-level modelling approach to the analysis of happiness and well-being

CWiPP hosted a workshop on Climate Change and Well-being in Sheffield on the 22nd November 2007. Around 20 people participated in some lively discussions and listened to the 5 presentations given throughout the day. The topics discussed stretched across different disciplines, ranging from land use change and people's vulnerability to climatic extremes, to our ideas about consumption and whether this leads to greater happiness. The day provided a great

opportunity to meet people from different departments and fields and exchange some ideas about how well-being is relevant to the climate change debate. Speakers included: Tessa Peasgood (School of Health and Related Research, University of Sheffield), Evan Fraser (Sustainability Research Institute, University of Leeds), Matt Watson (Department of Geography, University of Sheffield), Patrick Devine-Wright (School of Environment and Development, University of Manchester) and Bing Chen (School of Architecture, University of Sheffield). The internal seminar series will be launched over the coming year..

**Aim 2: To undertake high quality research into well-being in public policy**

Objective 2.1: To develop funded research from government departments and research councils

Objective 2.2: To establish an academic profile through high quality peer-reviewed publications

Objective 2.3: To enable staff to obtain the highest possible 'star' rating at the next RAE

We believe that CWiPP has been successful in achieving this aim. Section 8 lists all the grants and publications that have benefited from the existence of CWiPP.

**Aim 3: To be highly regarded internationally**

Objective 3.1: To be a research centre for visiting academics of international standing

Objective 3.2: To be a full member of related research within the Worldwide Universities Network

Objective 3.3: To attend international conferences under the auspices of the Centre

Members of CWiPP attended numerous conferences over the last 2 years presenting inter-disciplinary work on well-being research. All CWiPP members have departmental affiliations and attendance was typically under the auspices of these departments, since it is the departments rather than CWiPP who hold the budgets that fund conference attendance.

There have been no specific WUN links established, though Paul Dolan did visit Penn State University and Madison-Wisconsin. International links have been established in other ways, including Paul Dolan's Fellowship at Princeton. This is something to be addressed.

As we argue in Section 9, we feel that the priorities for CWiPP are to continue to develop interdisciplinary well-being research in Sheffield through providing a programme of seminars and conferences, alongside the development of interdisciplinary research proposals.

**8. SUCCESS FACTORS AND PERFORMANCE INDICATORS  
(WHERE APPLICABLE, MAKE EXPLICIT REFERENCE TO PREVIOUS PLANS)**

**8.1 GRANT INCOME:**

Targets:	Achievements:
Year 1 £300,000 Year 2 £100,000 Year 3 £100,000 Total £500,000	Total £4,991,800 + €11,000 + 5,000 SEK
Estimate what percentage of the grant income has been won as a direct result of the Research Centre?	

## Research grants and contracts

1. **"Preference-based mapping of preference-based measures"** £150,000  
Funding body: Medical Research Council  
Project dates: Aug 2006 - Sep 2008  
Principal investigator: Prof. J. Brazier and A. Tsuchiya
2. **"Health, well-being, and employment status"** £ 2,300  
Funding body: University Faculty of Social Science Devolved Fund  
Project dates: Sep 2005 - Aug 2006  
Principal investigator: Prof. J. Roberts
3. **"Well-being and sustainable development"** £25,000  
Funding body: DEFRA  
Project dates: Mar 2006 - Aug 2006  
Principal investigator: Prof. P. Dolan
4. **"The social value of a QALY (project)"** £300,000  
Funding body: National Institute for Clinical Excellence and NHS R&D  
Project dates: Sep 2004 - Dec 2007  
Principal investigator: Prof. P. Dolan
5. **"Exploration of the properties of the social welfare function in the field of health"** €11,000  
Funding body: Instituto de Estudios Fiscales (Spain)  
Project dates: Sep 2004 - Aug 2005  
Principal investigator: I. Abasolo and A. Tsuchiya
6. **"Crime, insecurity, and well-being: An economic approach"** £13,500  
Funding body: Economic and Social Research Council, Seminar Series  
Project dates: Oct 2003 - Sep 2005  
Principal investigator: Prof. P. Dolan
7. **"A proposal to evaluate a new model improving access to psychological therapies"** £485,000  
Funding body: SDO  
Project dates: 2006-2009  
Principal investigator: Prof. G. Parry with Prof. J. Brazier
8. **"Wellbeing and City Centre Living"** £63,000  
Funding body: EPSRC  
Project dates: May 2006- April 2009  
Principal investigator: L. Goyder with Prof. S Sharples  
Studentship awarded to K. Beaney
9. **"Debt and Health"** £29,000  
Funding body: Sheffield Consortium  
Project dates: Jan 2006 - Dec 2008  
Principal investigator: L. Goyder with Prof. P. Mosley
10. **"Want2Work evaluation"** £86,000  
Funding body: Welsh Assembly  
Project dates: Oct 2006 - March 2008  
Principal investigator: S. McIntosh with C. Murray, R. Edlin, Prof. J. Roberts, J. Lindley

11. "Understanding Population Trends and Processes: Exploring Geographies of Happiness and well-being" £68,000  
 Funding body: ESRC  
 Project dates: 2005-2007  
 Principal investigator: D. Ballas  
 2-year mid-career research fellowship

12. "NICE Public Health Collaborating Centre" £3.7 million  
 Funding body: NICE  
 Project dates: April 2008 to March 2013  
 Principal investigator: L. Goyder, R. Akehurst, A. Brennan, A. Booth, S. Paisley, J. Chilcott  
 This will be producing public health evidence reviews to support the production of national public health guidance and will provide an opportunity to ensure wellbeing as well as conventional health related outcomes are considered as an element of the evidence review process. Aki Tsuchiya and John Brazier will be members of the NICE PHCC Expert Reference Group

13. "Exploring the socio-economic and geographical determinants of ill-health and morbidity in Scotland" £70,000  
 Funding body: ESRC and the Scottish Government "1+3" award  
 Project dates: 2007-2011  
 Principal investigator: D. Ballas (principal applicant and supervisor) with D. Dorling, R. Mitchell  
 "1+3" award

14. "How gender equality in parenthood affects health and welfare development among mothers, fathers, and children" 5,000 SEK  
 Funding body: The Swedish Research Council and the Swedish Council for Working Life and Social Research  
 Project dates: Jan 2008 - Dec 2010  
 Principal investigator: A. Månsson (Karolinska Institute) with J. Hallqvist (Karolinska Institute and the Swedish National Institute of Public Health); L. Lindholm (Umeå University), M. Lundberg (Swedish National Board of Health and Welfare), and A. Tsuchiya (University of Sheffield)

## 8.2 PUBLICATIONS:

Targets:	Achievements:
High quality publications to contribute towards 'star ratings'	See below

Estimate what percentage of the research articles/papers are published as a direct result of the Research Centre?	We have not attempted to do this. However, the papers listed below are those most directly concerned with health and well-being
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## Journal articles

1. Aballéa S, Tsuchiya A. (2007), Seeing for yourself: Feasibility study towards valuing visual impairment using simulation spectacles, *Health Economics*, 16(5): 537-543
2. Abásolo I, Tsuchiya A. (forthcoming), Understanding preferences for egalitarian policies in health: Is age a determinant?, *Applied Economics*
3. Armitage C J. (2007) Efficacy of a brief worksite intervention to reduce smoking: The roles of behavioral and implementation intentions, *Journal of Occupational Health Psychology*, 12, 376-390
4. Armitage C J. (2007) Effects of an implementation intention-based intervention on fruit consumption, *Psychology and Health*, 22, 917-928
5. Armitage C J. Arden, M A (2007) Felt and potential ambivalence across the stages of change, *Journal of Health Psychology*, 12, 149-158
6. Ballas D, Dorling D. (2007). Measuring the impact of major life events upon happiness, *International Journal of Epidemiology*, 36, 1244-1252
7. Brazier J, Akehurst R, Brennan B, Dolan P, Claxton K, McCabe C, Sculpher M, Tsuchiya A. (2005) Should patients have a greater role in valuing health states? *Applied Health Economics and Policy*, 4(4): 201-208
8. Brazier J, Dolan P, Towers I, Karampela K. (2006) Does the whole equal the sum of the parts? Patient assigned utilities for IBS health states and profiles. *Health Economics*, 15(6): 543-552
9. Christian J, Armitage C J, Abrams D. (2007) Evidence that theory of planned behaviour variables mediate the effects of sociodemographic variables on homeless people's participation in service programs, *Journal of Health Psychology*, 12, 805-817
10. Cookson R, Tsuchiya A, McCabe C. (forthcoming), Public health care resource allocation and the rule of rescue, *Journal of Medical Ethics*
11. Dolan P, Edlin R, Tsuchiya A, Wailoo A. (2007), It ain't what you do, it's the way that you do it: Characteristics of procedural justice and their importance in social decision-making, *Journal of Economic Behavior and Organization*, 64(1): 157-170
12. Dolan P, Kahneman D. (forthcoming) Interpretations of utility and their implications for the valuation of health, *Economic Journal*
13. Dolan P, Loomes G, Peasgood T, Tsuchiya A. (2005) Estimating the intangible victim costs of violent crime: *British Journal of Criminology*, 45: 958 - 976
14. Dolan P, Peasgood T. (forthcoming) Estimating the economic and social costs of the fear of crime, *British Journal of Criminology*
15. Dolan P, Shaw R, Tsuchiya A, Williams A. (2005) QALY maximisation and people's preferences: A methodological review of the literature, *Health Economics*, 14:197-208
16. Dolan P, Tsuchiya A. (2007), Do NHS staff and members of the public share the same views about how to distribute health benefits?, *Social Science & Medicine*, 64: 2499-2503
17. Dolan P, Tsuchiya A. (2005) Health priorities and public preferences: The relative importance of past health experience and future health prospects, *Journal of Health Economics*, 24(4): 703-714
18. Dolan P, White M. (forthcoming) How can measures of subjective well-being be used to inform public policy? *Perspectives in Psychological Science*
19. Dolan P, White M. (2006) Dynamic well-being: connecting what we anticipate with what we experience, *Social Indicators Research*, 75(2): 303-333
20. Elliott M A, Armitage C J, Baughan C J. (2007) Using the theory of planned behaviour to predict observed driving behaviour, *British Journal of Social Psychology*, 46, 69-90.

21. Karnon J, **Tsuchiya A**, Dolan P. (2005) Using a relativities approach to value the prevention of non-fatal work-related accidents and ill health, *Health Economics*, 14(11): 1103-1115
22. McCabe C, **Brazier J**, Gilks P, **Tsuchiya A**, Roberts J, O'Hagan A, Stevens K. (2006), Estimating population cardinal health state valuation models from individual ordinal (rank) health state preference data, *Journal of Health Economics*, 25(3): 418-431
23. McCabe C, Claxton K, **Tsuchiya A**. (2005), Orphan Drugs and the National Health Service: Should we value rarity?, *British Medical Journal*, 331(7523): 1016-1019
24. McCabe C, **Tsuchiya A**, Claxton K, Raftery J. (2006), Orphan drugs revisited, *Quarterly Journal of Medicine*, 99(5): 341-34
25. Norman P, **Armitage C J**, Quigley C. (2007) The theory of planned behavior and binge drinking: Assessing the impact of binge drinker prototypes, *Addictive Behaviors*, 32, 1753-1768
26. Mann R, **Brazier J**, **Tsuchiya A**. (in press) A comparison of patient and general population weightings of EQ-5D dimensions, *Health Economics*
27. Ratcliffe J, **Brazier J**, Palfreyman S, Michaels J. (2007) A comparison of patient and population values for health states in varicose veins patients. *Health Economics*, 16(4): 395-406
28. Sprigg C A, **Armitage C J**, Hollis K. (2007) Verbal abuse in the NHS: Impressions of the prevalence, perceived reasons for and relationships with staff psychological well-being, *Emergency Medicine Journal*, 24, 281-282
29. **Tsuchiya A**, **Brazier J**, Roberts J. (2006), Comparison of valuation methods used to generate the EQ5D and the SF6D value sets in the UK, *Journal of Health Economics*, 25(2): 334-346
30. **Tsuchiya A**, Dolan P. (forthcoming) Equality of what in health? Distinguishing between outcome egalitarianism and gain egalitarianism, *Health Economics*
31. **Tsuchiya A**, Miguel L S, Edlin R, Wailoo A, Dolan P. (2005). Procedural justice in public healthcare resource allocation: *Applied Health Economics and Health Policy*, 4(2):119-127
32. **Tsuchiya A**, Williams A. (2004) A "Fair Innings" Between the Sexes? Are Men Being Treated Inequitably?, *Social Science & Medicine*, 60: 277-286

## Books

1. **Brazier J**, Ratcliffe J, Salomon J, **Tsuchiya A**. (2007 forthcoming), *Measuring and Valuing Health Benefits for Economic Evaluation*, Oxford University Press
2. Tantam D, van Deurzen E. (forthcoming) *Wellbeing and health*, Sage.

## Book Chapters

1. **Ballas D**, **Dorling D**, Shaw M. (2007) Social inequality, health, and well-being, in Hawrorth J and Hart, G eds, *Well-Being: individual, community, and social perspectives*, Palgrave, Basingstoke
2. **Dolan P**, **Tsuchiya A**. (2006) Chapter 36 The elicitation of distributional judgements in the context of economic evaluation, in Jones, A, ed. *Companion to Health Economics*, Elgar
3. Williams A, **Dolan P**, **Tsuchiya A**. (2005) Chapter 3 Eliciting equity-efficiency trade offs in health, in Smith PC, Ginnelly L, Sculpher M. eds, *Health Policy and Economics: Opportunities and Challenges*, Open University Press

## Conference papers, Discussion papers

1. **Ballas D**, **Dorling D**. (2006) *Investigating the geography of happiness, income and wealth inequalities*, 46th congress of the European Regional Science Association, Volos, Greece

(theme: Social segregation, poverty, social policy and social capital), 30 August - 3 September 2006)

2. **Ballas D, Dorling D, Shaw M.** (2006) *Societal inequality, health, and well-being*, 36th Regional Science Association International (British and Irish Section) conference, Jersey, Channel Islands, 16-18 August 2006
3. **Ballas D.** (2006) *Building a simulation model of happiness and well-being in Britain*, paper presented at the 3rd International Population Geographies conference, University of Liverpool, 19-21 June 2006

### Work in progress

Considerable work has gone into writing new proposals over the last 12 months with a strong CWIPP theme:

1. Special issue of the International Review of Victimology in 2007 as a result of the ESRC Crime, insecurity, and well-being seminar series
2. Funding proposal by **Joanna Shapland, Aki Tsuchiya, Paul Dolan** and Simon Moore (Cardiff) to ESRC leading on from the 'Crime, insecurity, and well-being: An economic approach' seminar series
3. Funding proposal by **Aki Tsuchiya, John Brazier and Liddy Goyder** to The Big Lottery Fund on 'Health and wellbeing'
4. Funding proposal by **Aki Tsuchiya, Rodney Smallwood, Richard Clayton, William Holcombe** to EPSRC Systems Approaches to Wellbeing entitled 'An interdisciplinary systems approach to wellbeing: healing, heart disease and drug delivery'
5. Funding proposal by **Joanna Shapland, Martin Smith, Aki Tsuchiya** and others to the Leverhulme call on security and liberty entitled 'Understanding Worlds of Security and Liberty: lived, virtual and future environs'

### 8.3 COMMERCIAL:

(e.g. IPR, formal partnerships, staff exchange/CPD, spin-out companies, companies assisted)

Targets:	Achievements:
Develop relationships with 'think tanks' and other organisations	
Estimate what percentage of these achievements are a direct result of the Research Centre?	

### 8.4 OTHER:

(e.g. contract Research, consultancy, sponsorship/contributions from partners; Formal partnerships Staff/student exchange/CPD, public understanding of science; dissemination/marketing/PR (launch event, website, printed material, conferences/seminars)

Targets:	Achievements:
Develop relationships with the Centre for Health and Well-being at Princeton, WUN members, UK centres such as the Centre for Economic Performance at LSE and possible staff/student exchanges with WUN and other US institutions	
Estimate what percentage of these achievements are a direct result of the Research Centre?	

### PhD students

C. Mukuria, SchARR, is studying the relationship between health status and well-being in general and patient populations  
K. Beaney, Architecture, is studying wellbeing and city centre living  
Helen McTaggart-Cowen, SchARR, is developing a method for eliciting 'informed' health state values from members of the general population.

### Appointments

D. Rowen, SchARR and T. Peasgood at SchARR have been appointed to research into health and well-being

### 9. STATE AND REVIEW THE RESEARCH CENTRE'S SUSTAINABILITY/EXIT PLAN (WHERE APPLICABLE, MAKE EXPLICIT REFERENCE TO PREVIOUS PLANS)

We feel that CWiPP has achieved a sustainable position over the last 12 months. It has been very active over the last 12 months with well attended management meetings, a lively seminar programme and numerous grant applications. Whilst there have not been any big wins mainly attributable to the centre, we feel this is only a matter of time. We have been able to contribute significantly to important grant capture, including the recent £3m NICE Public Health Collaboraiton award, where the wider well-being agenda of CWiPP helped to make the bid play better in the policy arena. We feel that it has developed a useful platform for developing more proposals. CWiPP members continue to win other large grants from their host departments and CWiPP made a contribution, but CWiPP has not been the main contributor. Should CWiPP fail to obtain a major grant mainly in its own right over the next two years, then it should reconsider it position.

### Signature of Research Centre contact (primary contact):

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**Date:** 22/02/08

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