

CURRICULUM VITAE

Jen Kruger

SUMMARY

(for staff undertaking Teaching and/or Research duties)

1. General

- I am a research assistant in health economics and decision modelling, currently working part-time developing a patient-level simulation model of type 1 diabetes.
- I am developing a model that links patient behaviour with clinical indicators (i.e. HbA1c) in type 1 diabetes.
- Graduated with BSc Psychology from the University of York in 2007 (graded 2:1).
- Currently undertaking MSc in Health Economics and Decision Modelling at the University of Sheffield on a part-time basis.
- Experienced in health economics research activities including qualitative statistical data analysis, basic decision tree and Markov modelling, literature searching and reviewing, report and proposal writing, qualitative data collection and analysis.

2. Teaching

- In the 2010/11 academic year I will be teaching several small groups tutorials (e.g. Critical Numbers, Study Design) to undergraduate medical students.

3. Leadership, Management and Administration

- After graduating from BSc, worked as a retail Duty Manager.
- Working as a research assistant for a health economics consultancy gave me extensive experience of project management and administration.
- Currently the lead reviewer on a consultancy project.
- I am leading the behavioural modelling part of the DAFNE project in type 1 diabetes.

4. Professional and External Standing

- I co-ordinated a one day workshop on the economic modelling of type 1 diabetes in July 2010 as part of the DAFNE project.
- I assisted in planning, co-ordinating and running a four-day Health Technology Assessment (HTA) short course in June 2008.

5. Research & Publications

- Currently funded by a National Institute for Health Research fellowship researching the cost-effectiveness of the Dose-Adjustment For Normal Eating (DAFNE) educational course for people with type 1 diabetes.
- Currently lead reviewer on a consultancy project (value £10,000) in type 1 diabetes.
- One study published in a peer reviewed journal and six non-refereed abstracts, reports & other publications.

THE UNIVERSITY OF SHEFFIELD

CURRICULUM VITAE

1 PERSONAL DETAILS

SURNAME: Kruger FORENAMES: Jen

DEPARTMENT: Health Economics and Decision Science (HEDS)

EDUCATION AFTER SCHOOL:

University of Sheffield Oct 2009 – present
University of York Sep 2004 – Jul 2007

QUALIFICATIONS:

MSc Health Economics and Decision Modelling,
University of Sheffield Current

BSc Psychology (2:1), University of York 2007

MEMBERSHIP OF LEARNED SOCIETIES:

I have applied for membership to the Health Economics Study Group and will apply to the International Health Economics Association once HESG membership has been approved (as at July 2010).

CURRENT APPOINTMENT(S) IN THE UNIVERSITY AND DATE(S):

Oct 2009 – present:

- Research Assistant, Health Economics and Decision Science, SchARR, University of Sheffield.

PREVIOUS APPOINTMENTS:

2008 - 2009

- Research Assistant, York Health Economics Consortium, University of York.

2007-2008:

- Duty Manager, Sainsbury's Local, York.

J Kruger

2 TEACHING

2.1 CURRENT UNDERGRADUATE AND POST GRADUATE TEACHING

Course Title	Level of Teaching	Student Contact Hours
Medical statistics small groups	Undergraduate tutorial (Medicine MBChB)	10 hours, 2010-11 academic year

3 LEADERSHIP, MANAGEMENT AND ADMINISTRATION

3.1 CURRENT ACTIVITIES

Oct 2009 – present:

- Project administration duties for the DAFNE research programme within SchARR:
 - I have compiled project progress reports that I presented on behalf of the modelling team to the national research programme steering group (June 2010).
 - I am leading the behavioural modelling part of the DAFNE project in type 1 diabetes. This involves co-ordination and liaison with psychology researchers working at University College London and University of Edinburgh.
 - I planned, organised and delivered a one day workshop on the economic modelling of type 1 diabetes (July 2010). This included presentation, leading discussion, and eliciting and recording feedback from DAFNE clinicians and educators.
- Project management of a £10,000 consultancy project (June-August 2010), including chief responsibility for overseeing literature searching, conducting literature reviewing, client liaison, timeline management, and production of deliverables.
- I am a member of the HEDS section Modellers Academic Group committee.
- I attended the HEDS 'dry run' of the Advanced Simulation module of the MSc Health Economics and Decision Modelling.

3.2 PREVIOUS ADMINISTRATIVE ACTIVITIES

Jan 2008 – Oct 2009:

- Project management and administration for many small- and large-scale health economics research projects in both the public and private sectors. This involved leading on timeline management including use of tools such as Microsoft Project.
- Participant recruitment for several questionnaire- and interview-based studies.
- Client liaison for many research projects.

J Kruger

- Supervision of several temporary administrative staff and management of their workload and performance.

4 PROFESSIONAL AND EXTERNAL STANDING

- Workshops

I organised and hosted a one day workshop on the economic modelling of type 1 diabetes, University of Sheffield, 27 July 2010.

- This involved presenting, leading discussion, and eliciting and recording feedback from diabetes consultants and educators.

- Short courses

I assisted in planning, co-ordinating and running a four-day Health Technology Assessment (HTA) short course in June 2008 as part of the White Rose Health Innovation Partnership.

- Attendees included NHS staff, academics, and pharmaceutical industry employees.
- I administrated the course, gave input into preparation of the course materials, and assisted with practical exercises throughout the course.

5 RESEARCH & PUBLICATIONS

5.1 RESEARCH AREAS

Type 1 diabetes:

- Currently investigating the cost-effectiveness of the DAFNE structured education programme. This work is funded by a NIHR fellowship. Developing a patient-level simulation model of type 1 diabetes to incorporate patient behaviour change and assess the cost-effectiveness of DAFNE.
- Plan to develop the DAFNE simulation model to allow it to be used for estimating cost-effectiveness of other interventions in type 1 diabetes.
- Undertaking a review of cost-of-illness studies in type 1 diabetes. This work is funded by the Juvenile Diabetes Research Foundation and is currently at the literature searching stage. Once the literature is reviewed there is the possibility to extend the work to completing an up-to-date structured cost-of-illness study in type 1 diabetes.

Behavioural modelling in health economics

- I am currently developing a model that will link patient behaviour with clinical outcomes in diabetes. This methodological research aims to further the knowledge and practice of creating cost-effectiveness models that take into account the diversity of patient behaviour and the effects that behaviour can have on clinical outcomes and treatment success. This work is particularly relevant to treatments that aim to modify patient behaviour such as educational treatments.

5.2 RESEARCH GRANTS AND CONTRACTS

DATE	SPONSOR	TITLE	FUNDING
June-August 2010	Juvenile Diabetes Research Foundation	The Cost of Type 1 Diabetes in the UK	£10,000
Principal investigator: J Kruger Other investigators: A Brennan, A Duenas			

5.3 PUBLICATIONS

1 paper published in refereed journals

6 non-refereed abstracts, reports & other publications (in print)

1 non-refereed abstracts, reports & other publications (in press)

5.4 Refereed Journals - in Print – Original Articles

Beale S, Trueman P, Sanderson D, **Kruger J**. The Initial Evaluation of the Scottish Telecare Development Program. *Journal of Technology in Human Services*, 2010; 28:60–73.

5.5 Non-Refereed Abstracts, Reports & other Publications – in Print

Hutton J, Cardow T, **Kruger J**. *Organisational and Behavioural Barriers to Medical Technology Adoption*. The NHS Institute for Innovation and Improvement. September 2009. Available from http://www.technologyadoptionhub.nhs.uk/assets/files/documents/apr_10/nhs_1271416227_Organisational_and_Behavioural.pdf

Hutton J, Beale S, **Kruger J**. Pressures Faced by People who Care for Somebody with a Cardiovascular Condition. Poster Presentation. ISPOR 12th Annual Congress. Paris, October 2009.

Stamuli E, **Kruger J**, Hutton J. Cost-effectiveness of Ultrasound Elastography in the Assessment of Liver Fibrosis. Centre for Evidence-Based Purchasing Economic Report CEP08053. February 2009.

Beale SJ, Sanderson DJ, **Kruger J**. *Evaluation of the Telecare Development Programme*. Joint Improvement Team, Scottish Executive. January 2009.

Bending MWB, Hutton J, McGrath C, **Kruger J**. Analysis of Factors Associated with Reimbursement Decision Making in Health Technology Agencies. Poster Presentation. ISPOR 11th Annual European Congress. Athens, November 2008.

Hutton J, Beale SJ, **Kruger J**, Chaplin S (2008). *Cardiovascular Services in England: Opportunities and Challenges over the Next Ten Years*. Cardio and Vascular Coalition. Available from http://www.bhf.org.uk/cvc/pdf/CVC_10Years_2008_v2.pdf

5.6 Non-Refereed Abstracts, Reports & other Publications – in Press

Kruger J, Brennan A, Duenas A, Heller S and the DAFNE Research Group. Developing a Structured Approach to Modelling Behaviours and Outcomes in Type 1 Diabetes. Oral Presentation. Economics, Modelling and Diabetes: The Mt Hood 5 Challenge. Malmo, September 2010.