**Curriculum Vitae**

**Elisabeth Huynh, PhD** Research Fellow

Institute for Choice, UniSA Business School The University of South Australia

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Elisabeth is a choice modeller and health economist at the Institute for Choice (I4C) at UniSA. Dr. Huynh's research is strongly focused on health sector and public policy decision making by patients and decision makers, specifically how decisions are made and their underlying motivations: in particular, research to understand choices in complex health interventions and systems, such as end-of-life decisions, patient coping strategies brought on by ageing, and the participation of patient and health service providers in patient decisions. Her research encompasses conducting economic laboratory experiments and discrete choice modelling analysis for economic evaluation of service innovations such as strategies and interventions around: polypharmacy whilst also maximising quality of life/well-being; promoting healthy ageing; health and development; health services and labour force participation.

***Summary of Research Portfolio***

**Institute for Choice, University of South Australia, Australia**

Research Fellow (2015 - current)

**Institute for Choice, University of South Australia, Australia**

Postdoctoral Research Fellow (2014 – 2015)

### Centre for the Study of Choice (CenSoC), University of Technology Sydney, Australia

Postdoctoral Research Fellow (2011 – 2013)

Senior Research Assistant (2010 – 2011)

# Funded projects

* UniSA, Research themes investment scheme Seed Funding- “Exploring the challenges and decisions faced by children who need to manage the aged and end-of-life care of elderly parents at a distance, to enable Aged Care Service Providers to better support both.” (2016-2017) – **Chief Investigators:** Ian Olver; Kate Fennell; **Elisabeth Huynh;** Maria Lambides, **$38,500**
* UniSA, Research themes investment scheme 1- “Understanding patient preferences and treatment priorities in those with multiple chronic conditions: an opportunity to improve health outcomes” (2015- 2016) – **Chief Investigators:** Gillian Caughey; Joffre Swait; Agnes Vitry; John Rose; **Elisabeth Huynh,** **$37,857**
* Commonwealth Scientific and Industrial Research Organisation (CSIRO) Flagship collaboration fund
	+ “Advance care planning in the emergency department: identification of barriers, facilitators and technological solutions (ACP-ED)”, 6months (2013). **Chief investigators: Elisabeth Huynh**; Terry Flynn; Patricia Davidson; Jane Phillips; Meera Agar; Phillip Newton; Hiba Deek; Caleb Ferguson; Louise Ryan; Tim Luckett; David Currow; Richard Chye; Sally Inglis; Louise Hickman; Margaret Fry; Robyn Gallagher; Christine Duffield; John Daly; Peter MacDonald; Doug Elliott, **$281,051.** [*http://www.csiro.au/en/Organisation-*](http://www.csiro.au/en/Organisation-Structure/Flagships/AboutNationalResearchFlagships/Flagship-Collaboration-Fund-Overview.aspx) [*Structure/Flagships/AboutNationalResearchFlagships/Flagship-Collaboration-Fund-Overview.aspx*](http://www.csiro.au/en/Organisation-Structure/Flagships/AboutNationalResearchFlagships/Flagship-Collaboration-Fund-Overview.aspx)
* UTS, Business School Faculty Research Grant “Distinguishing true preferences from choice certainty
	+ decomposing the mean-variance confound in choice models,” 1 Year (2013), **Elisabeth Huynh (CI)**, Terry Flynn (AI), **$6,244**

**Contract research grants\*:**

* Design and analysis of DCE for Dentist preferences (2015). **Funded By:** Monash University - Elisabeth Huynh
* Factors affecting consumer choice in vocational training (2014). **Funded By:** Department of Education and Early Childhood Victoria - Elisabeth Huynh
* Societal Perceptions and Acceptability of Remediation Decision-making and Remediation Technologies research (SPART) project (2014). **Funded By:** University of Technology, Sydney - Elisabeth Huynh, Jorge Arana

*\*Does not include commercial in confidence projects.*

# Education

The University of Sydney, Australia, School of Business and Economics.

Doctor of Philosophy in Economics, (Conferred: May 4th, 2012). Major in Econometrics

Thesis ‘*Essays on heterogeneity of household portfolio decision making: Evidence from Australia.’*

Supervisor: Ass Prof Hajime Katayama

Co-Supervisor: Dr. Debajyoti Chakrabarty

The University of Sydney, Australia, School of Business and Economics. Bachelor of Commerce, 2003. Major in Econometrics and Finance

Thesis ‘*Import and Export Demand in Australia: A flexible functional form*’ Supervisor: Prof Alan Woodland

# Research degree supervision

* Measuring and valuing health related quality of life for children and adolescents with neurological disabilities: the case of cerebral palsy – Current
* Identifying intervention content to support reductions in parental provision of unhealthy foods to their 4 to 7 year old children – Current

# Professional and community engagement

#### External engagement & recognition

* Recipient of the 2016 University of South Australia Business School Excellence in Community Engagement for *“Ageing in South Australia: The attitudes and preferences of consumers”* in the category of *Community engaged research*, 2016
* Recipient of the 2016 COTA SA Positive Ageing Awards, Helping Hand Research into Ageing Award for *“University of South Australia Business School ‘Ageing South Australia Project’”*

#### Journal editorial board member: PharmacoEconomics - Open (2016)

#### Journal referee: Social Science and Medicine, Journal of Agricultural Economics, Journal of Health Services Research and Policy

#### Membership of Professional Societies: Tenure-track member, International Academy of Health Preference Research (IAHPR); Member, Australian Association of Gerontology (AAG); Member, Health Economics Study Group UK (HESG).

***Conference Section Chair:*** Australian Health Economics Society Conference (2015), International Choice modelling Conference (2015), Australian Conference of Economists (2008)

***Invited discussant:*** 8th Australasian workshop on Econometrics and Health Economics (2017)

***Other Affiliations:*** Overseas Member (Economics and Policy), Hiroshima Institute of Health Economics Research(HiHER), Hiroshima University

# Publications

1. ***Refereed Journal Articles***

(A6) Ratcliffe J., **Huynh E.**, Chen G., Stevens K., Swait J., Brazier J., Sawyer M., Roberts R., Flynn T. (2016) Valuing the Child Health Utility 9D: Using profile case best worst scaling methods to develop a new adolescent specific scoring algorithm, Social Science & Medicine, 157: 48-59, doi:10.1016/j.socscimed.2016.03.042

(A5) Coast J, **Huynh E**, Kinghorn P, Flynn T. (2016). Complex Valuation: Applying ideas from the complex intervention framework to valuation of a new measure for end of life care. PharmacoEconomics, 34 (5), 499-508, doi:10.1007/s40273-015-0365-9

(A4) Ratcliffe J., **Huynh E**., Stevens K., Brazier J., Sawyer M. and Flynn T. (2016) Nothing about us without us? A Comparison of adolescent and adult health-state values for the child health utility-9D using profile case best–worst scaling*,* Health Economics, 25(4): 486-496*,* doi:[10.1002/hec.3165](http://dx.doi.org/10.1002/hec.3165)

(A3) Flynn T. N., **Huynh E**., Peters T. J., Al-Janabi H., Clemens S., Moody A. and Coast J. (2015), Scoring the ICECAP-A Capability Instrument. Estimation of a UK General Population Tariff, Health Economics, 24 (3); pages 258–269, *doi:*[10.1002/hec.3014](http://dx.doi.org/10.1002/hec.3014)

(A2) Chen G., Flynn T., Stevens K., Brazier J., **Huynh E.**, Sawyer M., Roberts R., Ratcliffe J. (2015) Assessing the Health-Related Quality of Life of Australian Adolescents: An Empirical Comparison of the Child Health Utility 9D and EQ-5D-Y Instruments, Value in Health, 2015, 18 (4): 432-438.

doi:[10.1016/j.jval.2015.02.014](http://dx.doi.org/10.1016/j.jval.2015.02.014)

(A1) Ratcliffe J., Chen G., Stevens K., Bradley S., Couzner L., Brazier J., Sawyer M., Roberts R., **Huynh E**., Flynn T.N. (2015), Valuing Child Health Utility 9D Health States with Young Adults: Insights from a Time Trade Off Study, Applied Health Economics and Health Policy, 13(5): 485-492 *doi:*10.1007/s40258-015- 0184-3

# Book Chapters

(B3) Flynn T.N, Corke C. and **Huynh E.** (2016). Preference Elicitation at the End of Life, in Round J. (ed) *Care at the End of Life: An Economic Perspective*. Cham, Springer International Publishing: Chapter 5, pp 63-72. doi: <http://dx.doi.org/10.1007/978-3-319-28267-1_5> ISBN: 978-3-319-28267-1

(B2) Flynn T.N. and Huynh E. (2015). BWS profile case application: preferences for quality of life in Australia, in Louviere J.J., Marley A.A.J. and Flynn T.N. (ed.) *Best-Worst Scaling: Theory, Method and Applications*. Cambridge: Cambridge University Press, Ch12, pp. 240-262. doi: [http://dx.doi.org/10.1017/CBO9781107337855.013](http://dx.doi.org/10.1017/CBO9781107337855.013%20) ISBN: 9781107043152

(B1) Flynn T.N., **Huynh E.** and Corke C. (2015). BWS object case application: attitudes towards end-of- life care, in Louviere J.J., Marley A.A.J. and Flynn T.N. (ed.) *Best-Worst Scaling: Theory, Method and Applications*. Cambridge: Cambridge University Press, Ch7, pp. 149-158. doi: <http://dx.doi.org/10.1017/CBO9781107337855.008>ISBN: 9781107043152

# Conference papers and presentations

## 2017

(C11) **Huynh E.** Stated choice methods and analysis for understanding individual decision making for improving health outcomes, *Hiroshima Institute of Health Economics Research (HiHER)* Hiroshima University, Japan, 2nd of February 2017. (Seminar presentation)

(C12) **Huynh E**., Lancsar E., Swait J. The Preference Structure of Dentists’ Job Search and Choice, *HESG Summer 2017 meeting*, University of Aberdeen, UK, 28-30th June, 2017.

## 2016

(C21) **Huynh E.**, Lancsar E., Swait J. The Preference Structure of Dentists’ Job Search and Choice in Australia, *La Trobe Choice Modelling workshop*, Melbourne, Australia, 15th July, 2016.

(C20) **Huynh E**., Flynn T, Corke C. Patient preferences and attitudes towards end-of-life care: A quantitative choice study in Australia, *SA Gerontology Conference*, Adelaide, Australia, 6th May, 2016.

## 2015

(C19) Flynn T, **Huynh E**., Chen G., Ratcliffe J. Best-Worst Scaling Works with Virtually Everyone. Except Kids, *3rd Meeting of The International Academy of Health Preference Research,* Missouri, USA, 17th October, 2015 <https://doi.org/10.1177/0272989X14559740>

(C18) **Huynh E**, Lancsar, L., Swait, J. Eliciting job preferences of dentists: A Discrete Choice Experiment of job choices in Australia, *37th Annual Australian Health Economics Society (AHES) Conference*, Brisbane, Australia, 2-3 October, 2015

(C17) Chen G, Stevens K, Flynn T, Brazier J, Sawyer M, **Huynh E**, Roberts R, Ratcliffe J. An Assessment of the construct validity of the CHU9D in the Australian adolescent general population, *37th Annual Australian Health Economics Society (AHES) Conference*, Brisbane, Australia, 2-3 October, 2015

(C16) Ratcliffe J, **Huynh E**, Chen G., Stevens K., Brazier J, Sawyer M., Roberts R., Flynn T. Valuing the Child Health Utility 9D: Using Profile Case Best Worst Scaling Methods to Develop a New Adolescent Specific Scoring Algorithm, *37th Annual Australian Health Economics Society (AHES) Conference*, Brisbane,

Australia, 2-3 October, 2015

(C15) **Huynh E**, Lancsar, L., Swait, J. Eliciting job preferences of dentists: A Discrete Choice Experiment of job choices in Australia, *2nd Meeting of The International Academy of Health Preference Research,* Brisbane,

Australia, 29th September, 2015

(C14) **Huynh E**, Swait J. Are preferences inherent or constructed? Examining the Degree of Context Sensitivity on Preference Heterogeneity, *International Choice Modelling Conference*, Austin, Texas, USA, 10-13 May, 2015.

## 2014

 (C13) Flynn T, **Huynh E**, Corke C., Hawkins G., Best-worst scaling allows us to quantify attitudes as well as preferences; Response times tells us which are “gut” attitudes with no predictive power. *The 36th Annual Meeting of the Society for Medical Decision Making,* October 18-22, 2014

(C12) Flynn T, Tian Y, Masnick K, McDonnell G, **Huynh E**, Mair A, Osgood N. 2014. Discrete choice, agent based and system dynamics simulation of health profession career paths. In *Proceedings of the 2014 Winter Simulation Conference* (WSC '14). IEEE Press, Piscataway, NJ, USA, 1700-1711.

(C11) Southwood T. J., Foot C., Hickson E., Flynn T., Louviere J., Roodenburg O., Bilgrami I., Bradford G., Wei E. and **Huynh E.** 2014. Comparative Evaluation Of A New Chest Drain Training Model Using Best- Worse Choice Analysis. Poster presentation. *B36 Improving Physician performance and teaching, American Thoracic Society***:** A2792-A2792

## 2013

(C10) **Huynh E**, Flynn TN, Louviere JJ, Corke C. Using stated choice experiments to elicit attitudes towards and preferences for end-of-life care in Australia. *International Choice Modelling Conference*, Sydney, Australia. July 2013.

(C9) Coast J, Kinghorn P, **Huynh E,** Flynn T. Developing a new end-of-life instrument for use in economic evaluation. *International Choice Modelling Conference*, Sydney, Australia. July 2013.

(C8) Ratcliff J, **Huynh E**, Stevens K, Brazier J, Sawyer M, Flynn T. The Measurement and Valuation of Child and Adolescent Health: What Does the Future Hold? *International Health Economics Association world congress*, Sydney, Australia. July 2013.

(C7) **Huynh E**, Flynn TN, Louviere JJ, Corke C. Attitudes towards and preferences for end-of-life care: results from discrete choice experiments in Australia. *International Health Economics Association world congress*, Sydney, Australia. July 2013.

(C6) Coast J, Kinghorn P, Flynn T, **Huynh E**. Use of Discrete Choice Experiments to Elicit End-of-Life Health Care Attitudes and Preferences. *International Health Economics Association world congress*, Australia. July 2013.

## 2011

(C5) Flynn TN, Terlich F, **Huynh E**, Louviere JJ. Use of the ICECAP instruments in Australian populations. *International Health Economics Association world congress*, Toronto, Canada. July 2011.

(C4) **Huynh E**, Flynn TN. Quantifying response shift or adaptation effects in quality of life by synthesising case 2 and discrete choice data. *International Health Economics Association world congress*, Toronto, Canada. July 2011.

(C3) Flynn TN, **Huynh E**, Terlich F, Souza F. Why value my life through the eyes of the average citizen? Quantifying the effects of experience and individual characteristics upon preferences for attributes of quality of life. *International Health Economics Association world congress*, Toronto, Canada. July 2011.

## 2008

(C2) **Huynh E**, “Health on wealth accumulation and portfolio allocation: Evidence in Australia” *32nd Australian Conference for Health Economists*, Sydney, Australia 30th September and 1st October 2010

(C1) **Huynh E**, “Portfolio allocation and the endogeneity of wealth in Australian households” *37th Australian Conference of Economists*, Queensland, Australia, 30th September – 4th October, 2008