

Matthew Hamilton

HEALTH ECONOMIST

Orygen

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Qualifications

Monash University PHD CANDIDATE	Melbourne, Australia 2022-
National University of Ireland Galway MSC - HEALTH ECONOMICS (FIRST CLASS GRADE AVERAGE)	Galway, Ireland 2013
University of Limerick BBS - ECONOMICS & ACCOUNTANCY WITH FRENCH	Limerick, Ireland 1997

Employment and Appointments

Orygen SENIOR POLICY ANALYST, LECTURER IN HEALTH ECONOMICS AND LEAD - HEALTH ECONOMICS	Melbourne Australia April 2015 - Present
University of Manchester HONORARY SENIOR LECTURER IN POPULATION HEALTH, HEALTH SERVICES RESEARCH AND PRIMARY CARE	Manchester, UK October 2018 - Present
University of Manchester RESEARCH ASSOCIATE - HEALTH ECONOMICS	Manchester, UK October 2013 - March 2015
Leading Edge Group CONSULTANT AND COURSE DIRECTOR- HEALTH ECONOMICS AND POLICY	Cobh, Ireland April 2012 - Present
UnitingCare NSW.ACT RESEARCH AND DEVELOPMENT MANAGER - PREVENTATIVE MENTAL HEALTH	Sydney, Australia July 2013 - September 2013
Orygen Youth Health Research Centre SENIOR POLICY ADVISER	Melbourne, Australia March 2010 - March 2012
Fundacion Rose, Trust for the Americas and Footprint Travel Guide TEACHER, CONSULTANT AND RESEARCHER	Central America and Caribbean January 2008 - March 2010
The One Foundation PORTFOLIO MANAGER - MENTAL HEALTH	Dublin, Ireland September 2005 - August 2007
Orygen Youth Health Research Centre POLICY ANALYST	Melbourne, Australia January 2004 - June 2005
The Wheel HEAD OF POLICY, RESEARCH & COMMUNICATIONS	Dublin, Ireland September 2001 - September 2003
Silver Apples Media CO-FOUNDER AND DIRECTOR OF FINANCE AND OPERATIONS	Dublin, Ireland October 1998 - March 2001

Peer-reviewed publications

Implementing a combined individual placement and support and vocational peer work program in integrated youth mental health settings MB SIMMONS, G CHINNERY, S WHITSON, S BOSTOCK, J BRAYBROOK, M HAMILTON, ...	Early Intervention in Psychiatry 2023 - 0 cites
Social inclusion, intersectionality, and profiles of vulnerable groups of young people seeking mental health support K FILIA, J MENSSINK, CX GAO, D RICKWOOD, M HAMILTON, SE HETRICK, ...	Social Psychiatry and Psychiatric Epidemiology 2022 - 10 cites

Study protocol for the Multimodal Approach to Preventing Suicide in Schools (MAPSS) project: a regionally based randomised trial of an integrated response to suicide risk among ...	<i>Trials</i>
SJ BYRNE, E BAILEY, M LAMBLIN, S MCKAY, J PIRKIS, C MIHALOPOULOS, ...	2022 - 1 cites
Providing a pathway to community-based psychosocial or mental health support services for young people following initial encounters with police: a scoping review	<i>Current Issues in Criminal Justice</i>
D BAKER, K FISHER, M HAMILTON, S RICE, R PURCELL	2022 - 1 cites
Identifying and managing psoriasis-associated comorbidities: the IMPACT research programme	
L CORDINGLEY, PA NELSON, L DAVIES, D ASHCROFT, C BUNDY, ...	2022 - 1 cites
Inequalities in Access to Mental Health Treatment by Australian Youths During the COVID-19 Pandemic	<i>Psychiatric Services, Appi. Ps.</i>
CX GAO, LP McDONALD, MP HAMILTON, K SIMONS, JM MENSSINK, K FILIA, ...	2022 - 0 cites
Mental health systems modelling for evidence-informed service reform in Australia	<i>PsyArXiv</i>
H WHITEFORD, N BAGHERI, S DIMINIC, J ENTICOTT, CX GAO, M HAMILTON, ...	2022 - 0 cites
Heterogeneity of quality of life in young people attending primary mental health services	<i>Epidemiology and Psychiatric Sciences</i>
SM COTTON, MP HAMILTON, K FILIA, JM MENSSINK, L ENGEL, C MIHALOPOULOS, ...	2022 - 0 cites
Multi-route respiratory infection: when a transmission route may dominate	<i>Science of the Total Environment</i>
CX GAO, Y LI, J WEI, S COTTON, M HAMILTON, L WANG, BJ COWLING	2021 - 36 cites
Clinical and functional characteristics of a subsample of young people presenting for primary mental healthcare at headspace services across Australia	<i>Social Psychiatry and Psychiatric Epidemiology</i>
K FILIA, D RICKWOOD, J MENSSINK, CX GAO, S HETRICK, A PARKER, M HAMILTON, ...	2021 - 15 cites
Development of a graphic medicine-enabled social media-based intervention for youth social anxiety	<i>Clinical Psychologist</i>
S RICE, B O'BREE, M WILSON, C MCENERY, MH LIM, M HAMILTON, J GLEESON, ...	2021 - 10 cites
The psychometric characteristics of the Kessler Psychological Distress Scale (K6) in help-seeking youth: What do you miss when using it as an outcome measure?	<i>Psychiatry Research</i>
SM COTTON, J MENSSINK, K FILIA, D RICKWOOD, IB HICKIE, M HAMILTON, ...	2021 - 8 cites
Perceived need for neuropsychological assessment according to geographic location: A survey of Australian youth mental health clinicians	<i>Applied Neuropsychology: Child</i>
G DELAGNEAU, SC BOWDEN, K VAN-DER-EL, S BRYCE, M HAMILTON, S ADAMS, ...	2021 - 2 cites
The youth online training and employment system: Study protocol for a randomized controlled trial of an online vocational intervention for young people with mental ill health	<i>Early Intervention in Psychiatry</i>
MB SIMMONS, J NICHOLAS, G CHINNERY, S O'SULLIVAN, S D'ALFONSO, ...	2021 - 1 cites
Leveraging the social network for treatment of social anxiety: pilot study of a youth-specific digital intervention with a focus on engagement of young men. Internet Interv ...	
S RICE, B O'BREE, M WILSON, C MCENERY, MH LIM, M HAMILTON, J GLEESON, ...	2021 - 5 cites
Police diversion to community-based psychosocial or mental health support for young people: a scoping review protocol	
D BAKER, K FISHER, M HAMILTON, S RICE, R PURCELL	2021 - 0 cites
Leveraging the social network for treatment of social anxiety: pilot study of a youth-specific digital intervention with a focus on engagement of young men	<i>Internet Interventions</i>
S RICE, B O'BREE, M WILSON, C MCENERY, MH LIM, M HAMILTON, J GLEESON, ...	2020 - 36 cites
Compensatory interventions for cognitive impairments in psychosis: a systematic review and meta-analysis	<i>Schizophrenia Bulletin</i>
K ALLOTT, K VAN-DER-EL, S BRYCE, EM PARRISH, SR MCGURK, S HETRICK, ...	2020 - 24 cites
Youth access clinics in Gippsland: Barriers and enablers to service accessibility in rural settings	<i>Early Intervention in Psychiatry</i>
E DOLAN, K ALLOTT, A PROPOSCH, M HAMILTON, E KILLACKEY	2020 - 5 cites

An investment framework to build mental capital in young people	Melbourne: Orygen and World Economic Forum
D McDAID, M HAMILTON, D KING, A PARK, MC HOFFMANN, W SILVA-RIBEIRO, ...	2020 - 4 cites
Thematic analysis of youth mental health providers' perceptions of neuropsychological assessment services	Early Intervention in Psychiatry
G DELAGNEAU, SC BOWDEN, S BRYCE, K VAN-DER-EL, M HAMILTON, S ADAMS, ...	2020 - 3 cites
Need for clinical neuropsychological assessment in headspace youth mental health services: A national survey of providers	Australian Journal of Psychology
K ALLOTT, K VAN-DER-EL, S BRYCE, M HAMILTON, S ADAMS, L BURGAT, ...	2019 - 8 cites
Moderated online social therapy for depression relapse prevention in young people: pilot study of a 'next generation'online intervention	Early Intervention in Psychiatry
S RICE, J GLEESON, C DAVEY, S HETRICK, A PARKER, R LEDERMAN, G WADLEY, ...	2018 - 90 cites
Motivational interviewing-based training enhances clinicians' skills and knowledge in psoriasis: findings from the Pso Well® study	British Journal of Dermatology
A CHISHOLM, PA NELSON, CJ PEARCE, AJ LITTLEWOOD, K KANE, AL HENRY, ...	2017 - 35 cites
Identifying attributes of care that may improve cost-effectiveness in the youth mental health service system	Medical Journal of Australia
MP HAMILTON, SE HETRICK, C MIHALOPOULOS, D BAKER, V BROWNE, ...	2017 - 31 cites
Broken promises and missing steps in mental health reform	The Medical Journal of Australia
PD MCGORRY, MP HAMILTON	2017 - 13 cites
Targeting mental health care attributes by diagnosis and clinical stage: The views of youth mental health clinicians	Medical Journal of Australia
MP HAMILTON, SE HETRICK, C MIHALOPOULOS, D BAKER, V BROWNE, ...	2017 - 6 cites
Stepwise expansion of evidence-based care is needed for mental health reform	Medical Journal of Australia
PD MCGORRY, MP HAMILTON	2016 - 11 cites
Response to Jorm: Headspace-A national and international innovation with lessons for redesign of mental health care in Australia	Australian and New Zealand Journal of Psychiatry
P MCGORRY, M HAMILTON, S GOLDSTONE, D RICKWOOD	2016 - 9 cites
Response to Allison et al.,'The National Mental Health Commission Report: Evidence based or ideologically driven?'	The Australian and New Zealand Journal of Psychiatry
PD MCGORRY, S GOLDSTONE, K PENNELL, M HAMILTON	2016 - 2 cites
Calculating when elective abdominal aortic aneurysm repair improves survival for individual patients: development of the Aneurysm Repair Decision Aid and economic evaluation	Health Technology Assessment
SW GRANT, M SPERRIN, E CARLSON, N CHINAI, D NTAIS, M HAMILTON, G DUNN, ...	2015 - 24 cites
Psoriasis treatment and management--a systematic review of full economic evaluations	British Journal of Dermatology
MP HAMILTON, D NTAIS, CEM GRIFFITHS, LM DAVIES, ...	2015 - 12 cites
The IMPACT programme in psoriasis: phase I--where we are now and future directions	Dermatological Nursing
PA NELSON, DM ASHCROFT, C BUNDY, CA CHEW-GRAHAM, A CHISHOLM, ...	2015 - 2 cites

Non-peer-reviewed publications ---

Predicting Quality Adjusted Life Years in young people attending primary mental health services	MedRxiv
MATTHEW P HAMILTON, CAROLINE X GAO, KATE M FILIA, JANA M MENSINK, SONIA SHARMIN, NIC TELFORD,...	2021
An investment framework to build mental capital in young people	Orygen
D McDAID, M HAMILTON, D KING, A-LA PARK, M SCOPEL HOFFMANN, W SILVA-RIBEIRO,...	2020
Submission to the Productivity Commission Inquiry into Mental Health	Orygen
ORYGEN AND HEADSPACE [CONTRIBUTING AUTHOR]	2019
Submission to the Medicare Benefits Schedule Review Taskforce	Orygen
ORYGEN [LEAD AUTHOR]	2015

Developing a youth suicide prevention strategy for Tasmania: A review of the literature	Orygen
J ROBINSON, E BAILEY, S HETRICK,S DESILVA, N REAVLEY, B BASSILIOS, ...	2015
Current and emerging issues for National Health and Medical Research Council Fellowship Schemes	Orygen
ORYGEN [CONTRIBUTING AUTHOR]	2015
Senate inquiry submission: Medical Research Future Fund	Orygen
ORYGEN [LEAD AUTHOR]	2015
The economic costs of communications inefficiency in Irish Hospital Pharmacy	Hospital Pharmacy News
M HAMILTON	2015
Preliminary survey report on communications inefficiencies in Irish hospital medicines management: cost impact and priorities for action	Leading Edge Group
M HAMILTON	2013
Adding value to community pharmacy	Leading Edge Group
M HAMILTON, J AHERNE, T FANNON, AND J BISHOP..	2012
Including, connecting, contributing: A blueprint to transform mental health and social participation in Australia	Independent Mental Health Reform Group
D CAPPO, PD MCGORRY, IB HICKIE, S ROSENBERG., J MORAN. AND M HAMILTON.	2011
Submission to the Senate Community Affairs Committee Inquiry into Commonwealth funding and administration of mental health services	Orygen
PD MCGORRY P.D. AND M HAMILTON	2011
Ten year policy framework to support the mental health of young Australians	Orygen
PD MCGORRY P.D. AND M HAMILTON	2011

Software

For details about where to find documentation and installation instructions for the software I develop, visit:

<https://www.ready4-dev.com>

R CODE LIBRARIES

heterodox - Explore and Characterise Heterogeneity in Quality of Life Data	https://doi.org/10.5281/zenodo.5751193
CAROLINE GAO AND MATTHEW HAMILTON	21 November 2022
ready4 - Implement a Modular, Open Source Computational Model of Youth Mental Health Systems	https://doi.org/10.5281/zenodo.5606250
MATTHEW HAMILTON	23 December 2022
ready4class - Author Ready4 Model Modules	https://doi.org/10.5281/zenodo.5640313
MATTHEW HAMILTON AND GLEN WIESNER	23 December 2022
ready4fun - Author and Document Functions to Implement Ready4 Algorithms	https://doi.org/10.5281/zenodo.5611779
MATTHEW HAMILTON AND GLEN WIESNER	23 December 2022
ready4pack - Author R Packages of Ready4 Model Modules	https://doi.org/10.5281/zenodo.5644322
MATTHEW HAMILTON	23 December 2022
ready4show - Author Literate Programs to Implement and Report Ready4 Analyses	https://doi.org/10.5281/zenodo.5644568
MATTHEW HAMILTON AND GLEN WIESNER	23 December 2022
ready4use - Retrieve, Label and Share Ready4 Datasets	https://doi.org/10.5281/zenodo.5644336
MATTHEW HAMILTON AND GLEN WIESNER	23 December 2022

scorz - Score Ready4 Model Datasets

MATTHEW HAMILTON AND CAROLINE GAO

<https://doi.org/10.5281/zenodo.5722708>

23 December 2022

specific - Specify Inverse Problems to Solve with Ready4

MATTHEW HAMILTON AND CAROLINE GAO

<https://doi.org/10.5281/zenodo.5768689>

23 December 2022

TTU - Implement Transfer to Utility Mapping Algorithms with Ready4

CAROLINE GAO AND MATTHEW HAMILTON

<https://doi.org/10.5281/zenodo.5646593>

23 December 2022

youthu - Transform Youth Outcomes to Health Utility Predictions with Ready4

MATTHEW HAMILTON AND CAROLINE GAO

<https://doi.org/10.5281/zenodo.5646668>

23 December 2022

youthvars - Describe and Validate Ready4 Person Record Datasets

MATTHEW HAMILTON AND CAROLINE GAO

<https://doi.org/10.5281/zenodo.5646550>

23 December 2022

Presentations

Generating Economic Insights From Mental Health Service Data - A Utility Mapping Study

MP HAMILTON

Society of Mental Health Research,
Hobart

Oral - 2022

Youth Outcomes To Health Utility (youthu) - Increasing economic insight from mental health service data

MP HAMILTON

The Mental Health Services
Conference, Melbourne

Oral - 2021

Improving outcome measurement in headspace

SM COTTON, CX GAO AND MP HAMILTON

Orygen, Melbourne

Seminar - 2021

A workflow for replicable data synthesis and simulation research in mental health

MP HAMILTON

Orygen, Melbourne

Seminar - 2020

Supporting collaborative approaches to building better mental health models

MP HAMILTON

University of Sydney COVID
Modelling Webinar

Webinar - 2020

A framework for modelling the predicted impact of policy options to promote mental health in young people

MP HAMILTON

University of Queensland, Brisbane

Workshop - 2020

A framework for modelling the anticipated impact of policy options to promote resilience in children and young people

A PARKER, P PLENCNEROVA, G WIESNER AND MP HAMILTON

Victoria University, Melbourne

Seminar - 2019

A novel, open source evidence synthesis and simulation toolkit to represent the changing spatial environment in which mental health policy is implemented

MP HAMILTON, A MACDONALD, R CALLANAN, S PROBER, G WIESNER, P PLENCNEROVA

International Conference on Youth
Mental Health, Brisbane

Poster - 2019

Readyforwhatsnext: an open source framework for developing simulation models of emerging mental disorder

MP HAMILTON AND G WIESNER

Orygen, Melbourne

Seminar - 2019

A framework for modelling the anticipated impact of policy options to promote resilience in children and young people

M HAMILTON, A PARKER, P PLENCNEROVA, G WIESNER, J KARNON AND C MIHALOPOULOS

Society of Mental Health Research,
Melbourne

Oral - 2019

Developing open source tools in R for the synthesis, generation and analysis of youth mental health data

MP HAMILTON

Orygen, Melbourne

Seminar - 2018

Developing an open source data analytic toolkit for optimising early psychosis services

MP HAMILTON

Society of Mental Health Research,
Noosa

Oral - 2018

EPSOS Toolkit Epidemiology module: Current status and future development	Headspace Early Psychosis Program Forum - Perth
MP HAMILTON	Oral - 2018
Mental health, wellbeing and resilience: Tools and frameworks for agent based models	University of Adelaide
MP HAMILTON	Seminar - 2018
Eliciting and valuing preferences in youth mental health. Discrete Choice Experiment Workshop	Orygen, Melbourne
S WALSH AND MP HAMILTON	Workshop - 2018
Improving the cost-effectiveness of early psychosis services: concepts, evidence and potential directions	Australian Early Psychosis Research Network, Melbourne
MP HAMILTON	Oral - 2017
Introducing readyforwhatsnext: a collaboration between young people, researchers and policymakers to improve the resilience of young Victorians	Resilience symposium, Orygen, Melbourne
MP HAMILTON	Oral - 2017
Improving the mental health of young people: the roles of economists, policymakers and capable machines	National University of Ireland Galway
MP HAMILTON	Seminar - 2017
Initial outline of a clinical stage and preferences based comprehensive youth mental health model of care	International Conference on Youth Mental Health, Dublin
MP HAMILTON, SE HETRICK, C MIHALOPOULOS, D BAKER, V BROWNE, CHANEN A...	Oral - 2017
A meaningful conversation: explaining youth mental health to intelligent machines so they can explain it back (better) to us	International Conference on Youth Mental Health, Dublin
MP HAMILTON AND J GILLAM	Table top - 2017
Youth mental health research in the era of intelligent machines	Orygen, Melbourne
J GILLAM AND MP HAMILTON	Seminar - 2017
Towards a theory of everything youth mental health: using simulation models to synthesise our synthesis	Orygen, Melbourne
MP HAMILTON	Seminar - 2016
Youth mental health simulation environment: project update	Deakin University, Melbourne
MP HAMILTON	Professional development - 2016
Youth mental health simulation environment: initial steps	Deakin University, Melbourne
MP HAMILTON	Professional development - 2015
How to use health economics to improve the impact of your research	Orygen, Melbourne
MP HAMILTON	Seminar - 2015
Value for money in treating psoriasis? a systematic review of full economic evaluations of psoriasis therapies	International Congress of Psoriasis, London
MP HAMILTON, D NTAIS, CEM GRIFFITHS AND LM DAVIES	Poster - 2014
An applied example of a programme grant team developing an economic decision model	University of Manchester
MP HAMILTON	Seminar - 2014

Grants

readyforwhatsnext: a computer simulation model to identify optimal strategies for developing the resilience of young Victorians.	VicHealth Innovation Research Grant - A\$200,000
PRINCIPAL INVESTIGATOR	2017
ENTOURAGE: An interactive e-mentoring program to assist young men overcome social anxiety	Movember Foundation - A\$200,000
CO-INVESTIGATOR	2017
Describing assessed need, service response and outcomes of young people seeking help for mental health problems in Gippsland	Gippsland Primary Health Network - A\$59,000
CO-INVESTIGATOR	2017

Teaching

Understanding and applying health economic tools and techniques

COURSE DIRECTOR, LEADING EDGE GROUP

Online

2015-Present

Health economic evaluation lectures, epidemiology module, Masters of Clinical Rheumatology

GUEST LECTURER, UNIVERSITY OF MANCHESTER

Manchester, UK

2015

Health economic evaluation module, Masters of Public Health

ASSESSOR, UNIVERSITY OF MANCHESTER

Manchester, UK

2014

Health economics: evidence, outcomes and efficiency

PRESENTER AND FACILITATOR, LEADING EDGE GROUP

Toronto, Canada

June 2014

Using health economic evidence to enhance hospital pharmacy outcomes

PRESENTER AND FACILITATOR, PFIZER

Dublin, Ireland

May 2014

Become your own hero - decision making for better health, work and life

COURSE DIRECTOR, PRESENTER AND FACILITATOR, TRUST FOR THE AMERICAS

Six Eastern Caribbean Countries

2009

Social studies

HIGH SCHOOL TEACHER, FUNDACION ROSE

Chimaltenango, Guatemala

2008