

Matthew Hamilton

HEALTH ECONOMIST

Orygen

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I'm a research economist who works to improve the policy environment and service systems that shape the mental health of young people. I principally do this by developing and validating reproducible mental health simulation models.

Qualifications

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

Identification and Management of Psoriasis Associated Co-Morbidity: The IMPACT Research Programme

L CORDINGLEY, PA NELSON, L DAVIES, D ASHCROFT, C BUNDY, C CHEW-GRAHAM, A CHISHOLM, J ELVIDGE, M HAMILTON,...

Programme Grants Appl Res

2020 - In Press

Development of a graphic medicine-enabled social media-based intervention for youth social anxiety

S RICE, B O'BREE, M WILSON, C MCENERY, MH LIM, M HAMILTON, J GLEESON, ...

Clinical Psychologist

2020 - 2 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 - 1 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 - 1 cites
Thematic analysis of youth mental health providers' perceptions of neuropsychological assessment services	<i>Early Intervention in Psychiatry</i>
G DELAGNEAU, SC BOWDEN, S BRYCE, K VAN-DER-EL, M HAMILTON, S ADAMS, ...	2020 - 0 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 - 0 cites
Multi-route respiratory infection: when a transmission route may dominate	<i>medRxiv</i>
CX GAO, Y LI, J WEI, S COTTON, M HAMILTON, L WANG, BJ COWLING	2020 - 0 cites
Need for clinical neuropsychological assessment in headspace youth mental health services: A national survey of providers	<i>Australian Journal of Psychology</i>
K ALLOTT, K VAN-DER-EL, S BRYCE, M HAMILTON, S ADAMS, L BURGAT, ...	2019 - 4 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, ...	2019 - 0 cites
Moderated online social therapy for depression relapse prevention in young people: pilot study of a 'next generation'online intervention	<i>Early intervention in psychiatry</i>
S RICE, J GLEESON, C DAVEY, S HETRICK, A PARKER, R LEDERMAN, G WADLEY, ...	2018 - 56 cites
Motivational interviewing-based training enhances clinicians' skills and knowledge in psoriasis: findings from the Pso Well® study	<i>British Journal of Dermatology</i>
A CHISHOLM, PA NELSON, CJ PEARCE, AJ LITTLEWOOD, K KANE, AL HENRY, ...	2017 - 16 cites
Identifying attributes of care that may improve cost-effectiveness in the youth mental health service system	<i>Medical Journal of Australia</i>
MP HAMILTON, SE HETRICK, C MIHALOPOULOS, D BAKER, V BROWNE, ...	2017 - 10 cites
Broken promises and missing steps in mental health reform	<i>The Medical Journal of Australia</i>
PD MCGORRY, MP HAMILTON	2017 - 9 cites
Targeting mental health care attributes by diagnosis and clinical stage: The views of youth mental health clinicians	<i>Medical Journal of Australia</i>
MP HAMILTON, SE HETRICK, C MIHALOPOULOS, D BAKER, V BROWNE, ...	2017 - 5 cites
Response to Jorm: Headspace-A national and international innovation with lessons for redesign of mental health care in Australia	<i>Australian and New Zealand Journal of Psychiatry</i>
P MCGORRY, M HAMILTON, S GOLDSTONE, D RICKWOOD	2016 - 7 cites
Stepwise expansion of evidence-based care is needed for mental health reform	<i>Medical Journal of Australia</i>
PD MCGORRY, MP HAMILTON	2016 - 6 cites
Response to Allison et al., 'The National Mental Health Commission Report: Evidence based or ideologically driven?'	<i>Australian & New Zealand Journal of Psychiatry</i>
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	<i>NIHR Journals Library</i>
SW GRANT, M SPERRIN, E CARLSON, N CHINAI, D NTAIS, M HAMILTON, G DUNN, ...	2015 - 19 cites
Psoriasis treatment and management-a systematic review of full economic evaluations	<i>British Journal of Dermatology</i>
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	<i>Dermatological Nursing</i>
PA NELSON, DM ASHCROFT, C BUNDY, CA CHEW-GRAHAM, A CHISHOLM, ...	2015 - 2 cites

Non-peer-reviewed publications

An investment framework to build mental capital in young people D McDAID, M HAMILTON, D KING, A-LA PARK, M SCOPEL HOFFMANN, W SILVA-RIBEIRO,...	Orygen 2020
Submission to the Productivity Commission's Inquiry into Mental Health ORYGEN AND HEADSPACE [CONTRIBUTING AUTHOR]	Orygen 2019
Submission to the Medicare Benefits Schedule Review Taskforce ORYGEN [LEAD AUTHOR]	Orygen 2015
Developing a youth suicide prevention strategy for Tasmania: A review of the literature J ROBINSON, E BAILEY, S HETRICK, S DESILVA, N REAVLEY, B BASSILIOS, ...	Orygen 2015
Current and emerging issues for National Health and Medical Research Council Fellowship Schemes ORYGEN [CONTRIBUTING AUTHOR]	Orygen 2015
Senate inquiry submission: Medical Research Future Fund ORYGEN [LEAD AUTHOR]	Orygen 2015
The economic costs of communications inefficiency in Irish Hospital Pharmacy. M HAMILTON	Hospital Pharmacy News 2015
Preliminary survey report: communications inefficiencies in Irish hospital medicines management: Cost impact and priorities for action. M HAMILTON	Leading Edge Group 2013
Adding value to community pharmacy M HAMILTON, J AHERNE, T FANNON, AND J BISHOP..	Leading Edge Group 2012
Including, connecting, contributing: A blueprint to transform mental health and social participation in Australia D CAPPO, PD MCGORRY, IB HICKIE, S ROSENBERG., J MORAN. AND M HAMILTON.	Independent Mental Health Reform Group 2011
Submission to the Senate Community Affairs Committee Inquiry into Commonwealth funding and administration of mental health services PD MCGORRY P.D. AND M HAMILTON	Orygen 2011
Ten year policy framework to support the mental health of young Australians PD MCGORRY P.D. AND M HAMILTON	Orygen 2011

Software

R CODE LIBRARIES

ready4fun(v0.0.0.9108) - Readyforwhatsnext Function Authoring And Documentation Tools

MATTHEW HAMILTON AND GLEN WIESNER

github.com/readyforwhatsnext/ready4fun
26 August 2020

For the most up to date information about the software I develop visit:

<https://readyforwhatsnext.github.io/readyforwhatsnext/>

Presentations

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	Victoria University, Melbourne
A PARKER, P PLENCNEROVA, G WIESNER AND MP HAMILTON	Seminar - 2019
A novel, open source evidence synthesis and simulation toolkit to represent the changing spatial environment in which mental health policy is implemented	International Conference on Youth Mental Health, Brisbane
MP HAMILTON, A MACDONALD, R CALLANAN, S PROBER, G WIESNER, P PLENCNEROVA?	Poster - 2019
Readyforwhatsnext: an open source framework for developing simulation models of emerging mental disorder	Orygen, Melbourne
MP HAMILTON AND G WIESNER	Seminar - 2019
A framework for modelling the anticipated impact of policy options to promote resilience in children and young people	Society of Mental Health Research, Melbourne
M HAMILTON, A PARKER, P PLENCNEROVA, G WIESNER, J KARNON AND C MIHALOPOULOS	Oral - 2019
Developing open source tools in R for the synthesis, generation and analysis of youth mental health data	Orygen, Melbourne
MP HAMILTON	Seminar - 2018
Developing an open source data analytic toolkit for optimising early psychosis services	Society of Mental Health Research, Noosa
MP HAMILTON	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

MP HAMILTON

Orygen, Melbourne

Seminar - 2015

Value for money in treating psoriasis? a systematic review of full economic evaluations of psoriasis therapies

MP HAMILTON, D NTAIS, CEM GRIFFITH SAND LM DAVIES

International Congress of Psoriasis,
London

Poster - 2014

An applied example of a programme grant team developing an economic decision model

MP HAMILTON

University of Manchester

Seminar - 2014

Grants

readyforwhatsnext: a computer simulation model to identify optimal strategies for developing the resilience of young Victorians.

PRINCIPAL INVESTIGATOR

VicHealth Innovation Research

Grant - A\$200,000

2017

ENTOURAGE: An interactive e-mentoring program to assist young men overcome social anxiety

CO-INVESTIGATOR

Movember Foundation - A\$200,000

2017

Describing assessed need, service response and outcomes of young people seeking help for mental health problems in Gippsland

CO-INVESTIGATOR

Gippsland Primary Health Network -

A\$59,000

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

TEACHER, FUNDACION ROSE

Chimaltenango, Guatemala

2008