



FINKEL CHAIR IN GLOBAL HEALTH

2020 IMPACT REPORT

CHANGE IT.
FOR GOOD.

“ The remarkable generosity and vision shown by the Alan and Elizabeth Finkel Foundation is making a transformative contribution to global health and to the communities Monash was established to serve.”

– Professor Marc Parlange

THANK YOU



I am delighted to provide you with this update from the Finkel Chair in Global Health, Professor Jane Fisher AO, so generously supported by the Alan and Elizabeth Finkel Foundation.

Essential to sustainable development and strong societies is ensuring the vitality of healthy lives and promoting well-being for all at all ages. Through the Finkel Foundation's generous support, Jane has been able to continue her work to support perinatal mental health for women and the early development of their children in resource-constrained countries. It has also enabled Jane to undertake an immediate, crucial investigation into the effects of COVID-19 and the associated pandemic response on people's mental health, as well as enabling the identification of those who are most vulnerable and at risk. Jane's research into global and public health is an integral part to informing how individuals experience COVID-19, and helping us to develop new solutions as we move into a COVID-normal world and beyond.

The Office of Provost and Senior Vice-President is privileged and delighted to have the Finkel Chair in Global Health contributing to the Melbourne Experiment. Launched in the midst of the pandemic, the Melbourne Experiment is a landmark interdisciplinary research collaboration studying the effects of COVID-19 on the functions of the city and is also an international model for post-COVID-19 urban recovery and renewal. The Melbourne Experiment will use its findings to contribute to new approaches for urban renewal, emphasising innovation, sustainability and social cohesion alongside economic prosperity to help meet the United Nations 2030 Sustainable Development Goals.

We highly appreciate Alan and Elizabeth Finkel's continuous commitment and support, and we look forward to continuing to work with them closely through their support of the Finkel Research Chair in Global Health and beyond.

Thank you for being Champions for Change.

Professor Marc Parlange

Provost and Senior Vice-President
Monash University

REPORT FROM THE CHAIR



I am privileged to report on the second year of activities that I have led as the Finkel Chair in Global Health at Monash University.

Global and Women's Health, a unit in Public Health and Preventive Medicine, has continued to build **evidence** to explain health inequalities in their local and global contexts; **translate research** to promote health and improve health services; and **build capacity** through supervision and mentorship.

While women's health, mental health and early childhood development continue to be the central focus, our research and research translation in 2020 have been shaped strongly by the COVID-19 pandemic. Our multi-disciplinary group of academics, research higher degree and honours students has worked from home since late March 2020. We have maintained close links through regular virtual meetings of the whole and project-specific teams. Social science research does not require laboratories and we have continued to collaborate productively with partners in international, government and non-government organisations.

IMPACT OF THE COVID-19 PANDEMIC AND ESSENTIAL RESTRICTIONS ON THE MENTAL HEALTH OF ADULTS IN AUSTRALIA

Global and Women's Health has made a substantial contribution to understanding the population burden of mental health problems associated with the COVID-19 pandemic, the subsequent restrictions, as well as identified which groups of people are most vulnerable to them.

In April 2020, four days after significant restrictions to limit the spread of COVID-19 were mandated, we launched a short anonymously completed online survey which included brief standardised self-assessments of symptoms of depression and generalised anxiety. The ABC's medical journalist Sophie Scott wrote about the problem and our research on the ABC [website](#), and it was then reported on television and radio. The survey was completed by almost 14,000 women, men and people who did not identify as male or female, aged from 18 to 90 years, from all Australian states and territories, rural and urban areas, high and low socioeconomic positions.

This was the largest survey undertaken during the first month of nationwide lockdown in Australia and the first to quantify the mental health impact of the restrictions. We found a whole of population increase in both mild, and moderate to severe symptoms of depression and anxiety, including irritability and thoughts of being better off dead. Two-thirds did not feel very optimistic about the future. We found that while direct experiences of, or fear of contracting the virus were associated with higher levels of psychological symptoms, it was experiencing the restrictions as having a highly adverse impact on daily life that was most strongly associated. Prevalence was at least two to three times higher than estimates using the same measures in the general Australian population at non-COVID times.

The people who had the highest level of distress had lost jobs, lived alone or in poorly resourced urban, regional or rural areas, lived on government benefits prior to the pandemic, had lost jobs or opportunities for study, were caring for dependent children or other family members, or were members of marginalised minorities. More of these people were women or aged 18-29 years.

We interpret these as normal human responses to very abnormal circumstances and that they reflect disenfranchised grief about the many losses that the restrictions incurred for individual lives, and demoralisation associated with the limited agency and powerlessness that people experienced in having to adapt to them. We concluded that just as a public health response had been essential to containing the virus, a public mental health response which included universal mental health promotion as well as indicated clinical interventions is needed to recover psychological, social and economic functioning. The paper reporting the findings was published as a pre-print in June 2020 and in full in November 2020 by the Medical Journal of Australia. We have included this article and additional information in the appendix.

We invited respondents to tell us about the good and bad things that had happened to them during the restrictions and almost all respondents contributed to these, generating more than a million words of text, which is being analysed thematically by Dr Maggie Kirkman and Dr Gowri Sastry.

We are contributing to Monash's Melbourne Experiment led by the Provost, Professor Marc Parlange, by collaborating with colleagues in the Faculty of Information Technology to identify in the free text whether people who are experiencing thoughts that they "would be better off dead" would describe their experiences in distinct ways that might inform early detection. We are also working with colleagues in Urban Planning and Design in the Faculty of Art, Design and Architecture to identify the suburbs in which there is an especially high prevalence of mental health problems so that planning for future service development can take this need within the local population into account.

In July and August 2020, we conducted a second national survey using the same methods, to which more than 9,000 people contributed data. It has enabled us to conduct a natural experiment in which we can compare the experiences of people living in Victoria, which had Stage Four restrictions, with those of people who lived in states and territories with lower level restrictions.

We have signed an agreement with the Indian Institute of Technology Bombay to conduct the same survey in India.

ADDITIONAL RESEARCH RPOJECTS

Capitalising on this unique and robust dataset, other papers investigating specific aspects of the impact of the restrictions on the health of Australians have been published.

- Dr Thach Tran described the links between increased alcohol use and mental health in a paper published in the *Journal of Affective Disorders*. One in five adults reported that they had been drinking more alcohol since the COVID-19 pandemic began compared to what they used to, with people who had more severe symptoms of depression or anxiety more likely to drink (see X) Rates of clinically significant symptoms of depression and anxiety were higher among women than men during COVID-19 restrictions.
- Dr Alice Owen investigated overeating during the nationwide lockdown in *Public Health Nutrition* and the paper was selected by the UK's Nutrition Society as paper of the month for December 2020.
- Dr Karin Hammarberg investigated differences in the mental health impact of COVID-19 restrictions on women and men and people of different ages in a paper published in *BMJ Open*. Investigations of the associations between living in a rural area, living alone, health care use, sleeping patterns, thoughts of being better off dead and mental health indicators are in preparation.

Tran TD, Hammarberg K, Kirkman M, Nguyen H, FISHER J. Alcohol use and mental health status during the first months of COVID-19 pandemic in Australia. *Journal of Affective Disorders*, 2020, 277: 810–813, DOI: 10.1016/j.jad.2020.09.012

Hammarberg K, Tran TD, Kirkman M, FISHER J. Sex and age differences in clinically significant symptoms of depression and anxiety among people in Australia in the first month of COVID-19 restrictions: A national survey, *BMJ Open*, DOI: 10.1136/bmjopen-2020-042696

Papers that are currently underway are:

Ciccittini, **Tran TD**, Hussain, Wluka, **FISHER, J**, for the Monash COVID Restrictions Research Group. Determinants of care for non-COVID-19 health conditions or disabilities in Australia in the first month of COVID-19 restrictions: a national survey. *BMJ Open* (under review)

Freak-Poli R, **Tran TD**, **Hammarberg K**, **Kirkman M**, **Owen A**, **FISHER J**. for the COVID-19 Restrictions Research Group. Living Alone and Mental Health during the COVID-19 Restrictions (in preparation)

Popplestone S, **Tran TD**, **Stocker R**, **FISHER J** for the COVID-19 Restrictions Research Group. COVID-19 restrictions and the mental health of people in rural Australia (in preparation)

Stocker R, Tran TD, Hammarberg K, Nguyen H, Rowe, H, Fisher J. for the Monash COVID-19 Restrictions Research Group. Patient Health Questionnaire 9 (PHQ-9) and General Anxiety Disorder 7 (GAD-7) data contributed by 13,829 respondents to a national survey about COVID-19 restrictions in Australia. *Psychiatry Research* (under review)

This paper was selected as the UK Nutrition Society Paper of the Month for December 2020:

Owen A, Tran TD, Hammarberg K, Kirkman M, FISHER J. Poor appetite and overeating reported by adults in Australia during the COVID-19 pandemic: A population- based study. *Public Health Nutrition*, 2020, DOI:10.1017/S1368980020003833

LEARNING CLUBS

LEARNING CLUBS TO IMPROVE WOMEN'S HEALTH AND INFANT HEALTH AND DEVELOPMENT IN RURAL VIETNAM

The Learning Clubs multicomponent program seeks to address the eight major risks to optimal early childhood development in resource-constrained settings: iron deficiency anaemia, iodine deficiency, intrauterine growth restriction, stunting, unresponsive caregiving, insufficient cognitive stimulation, maternal mental health problems, and exposure to family violence. In close cooperation with the Research and Training Centre for Community Development in Hanoi, the Vietnam Ministry of Health, and colleagues from the University of Melbourne, the Aga Khan University in Nairobi (formerly at the Burnet Institute), and UNICEF, the program has been designed, translated and culturally verified. We are testing the effectiveness of the program in a cluster randomised controlled trial in Ha Nam Province in the north of Vietnam, in which 42 randomly assigned communes are offering the usual standard of care plus the Learning Clubs and 42 are offering only the usual standard of care.

The primary outcome is children's cognitive development at the age of two, and subsidiary outcomes are language, motor and social and emotional development and indicators of women's health and children's health and growth.

During the pandemic many families lost their incomes and were confined to their homes. There were restrictions on gatherings, and the team from Hanoi was not able to travel to the province. Ms Ha Tran, the Vietnam project lead, made active and imaginative use of Zalo, a local social media platform, to distribute short videos on topics like playing with toddlers to stimulate their development, essential first aid and responsive feeding as booster sessions. Families were invited to submit short videos of their children learning through playing and more than 400 of these were received.

The collection of trial endline data was complicated by restrictions on how many research staff could visit the province under COVID restrictions and how much time could be spent with each family, but it is expected to be complete by the end of 2020.

We have participated in a virtual peer to peer program for projects funded by Grand Challenges Canada and the originality and rigour of the Learning Clubs trial has been strongly affirmed. We have secured a Grand Challenges Canada Transition to Scale grant (2021 – 2022) to take this program to scale in Vietnam.

THE CENTRE OF RESEARCH EXCELLENCE IN SEXUAL AND REPRODUCTIVE HEALTH FOR WOMEN

I am a Chief Investigator on three National Health and Medical Research Council Centres of Research. The Centre of Research Excellence in Sexual and Reproductive Health for Women in Primary Care aims to improve the quality, safety, and capacity of primary health care services to achieve better outcomes in women's sexual and reproductive health. It is led by Professor Danielle Mazza and based at the Monash University School of Primary and Allied Health Care, with partners in Queensland, New South Wales and other Victorian universities.

We work closely with colleagues in the Department of Obstetrics and Gynaecology at the University of Sydney in the Preconception Health stream. It is seeking to build the skills of primary care health professionals in discussing pregnancy planning with all patients of reproductive age, and to increase public awareness of fertility and fertility management. Dr Karin Hammarberg has developed and evaluated an online education module for primary care nurses and shown that it builds their knowledge, skills and willingness to initiate fertility discussions with patients. Natasha Davidson, whose PhD Karin Hammarberg and I are supervising, is investigating the preventive sexual and reproductive health care needs of women who are refugees and asylum seekers.



Women in the Vietnamese learning club

INTERNATIONAL AND NATIONAL ROLES

WORLD HEALTH ORGANIZATION GUIDELINE DEVELOPMENT GROUPS

I continue to work as a temporary technical advisor to the World Health Organization. In 2020, I have been Co-Chair of the Guideline Development Group for Postpartum Care. All meetings have been held virtually and involved more than 60 participants from around the world in evaluating the evidence and forming recommendations for national governments about optimal care for women who have recently given birth and their newborns.

LOCAL BOARDS AND COMMITTEES

I am an active member of the following boards and committees:

- Chair, Psychosocial and Epidemiological Research in Reproduction Group, Royal Women's Hospital and Melbourne IVF
- Deputy Chair and Chair of the Executive Committee, Global Health Alliance Australia
- Member, Masada Private Hospital Medical Advisory Committee
- Member, National Women's Health Survey Expert Advisory Group
- Invited member of the writing team for the Go8 Roadmap to Recovery

GLOBAL AND WOMEN'S HEALTH PUBLICATIONS

PEER REVIEWED PAPERS

Althobaiti S, Kazantzis N, Ofori-Asenso R, Romero L, **FISHER J**, Emills KE, Liew D. Efficacy of interpersonal psychotherapy for post-traumatic stress disorder: A systematic review and meta-analysis. *Journal of Affective Disorders*, 2020, 264: 286-294,

Ashton S, McDonald K, & Kirkman M. Pornography and sexual relationships: Discursive challenges for young women. *Feminism and Psychology*, 2020,

Attawet J, Wang A, Li Z, Johnson L, **Hammarberg K** & Sullivan E. Cumulative live birth rates among gestational surrogates in altruistic surrogacy arrangements. *Human Fertility*, 2020, DOI: 10.1080/14647273.2020.1794062

Azzopardi P, Willenberg L, Wulan N, Devaera Y, Medise B, Riyanti A, Ansariadi A, Sawyer S, Wiguna T, Kaligis F, **FISHER J, Tran TD**, Agius P, Borschmann R, Brown A, Cini K, Clifford S, Kennedy E, Pedrana A, Pham M, Wake M, Zimmet P, Durrant K, Wiweko B, Luchters S. Direct assessment of mental health and metabolic syndrome amongst Indonesian adolescents: a study design for a mixed methods study sampled from school and community settings. *Global Health Action*, 2020, 13:1, 1732665, DOI:10.1080/16549716.2020.1732665

Beilby K, Dudink I, Kablar D, Kaynak M, Rodrigo S, **Hammarberg K**. The quality of information about elective oocyte cryopreservation (EOC) on Australian fertility clinic websites. *The Australian and New Zealand Journal of Obstetrics and Gynaecology*, 2020, 60(4), 605-609, DOI:10.1111/ajog.13174

Chibnall, K, McDonald, K, Kirkman, M. Pathologising diversity: Medical websites offering female genital cosmetic surgery in Australia. *Culture, Health, and Sexuality*, 2020, 22 (1), 64-80. DOI:10.1080/13691058.2019.1574029

Cicutinni, **Tran TD**, Hussain, Wluka, **FISHER, J.** for the Monash COVID Restrictions Research Group. Determinants of care for non-COVID-19 health conditions or disabilities in Australia in the first month of COVID-19 restrictions: a national survey. *BMJ Open* (under review)

Coo S, García MI, Awad N, **Rowe H, FISHER J.** Cultural adaptation of an intervention to prevent postnatal depression and anxiety in Chilean new mothers. *Journal of Reproductive and Infant Psychology*, 2019, DOI:10.1080/02646838.2019.1705264

Dwyer R, Gabbe B, **Tran TD**, Smith K, Lowthian JA. Residential aged care homes: Why do they call '000'? A study of the emergency prehospital care of older people living in residential aged care homes. *Emergency Medicine Australasia*, 2020, DOI:10.1111/1742-6723.13650

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FISHER J, Tran TD, Hammarberg K, Sastry J, Nguyen H, Rowe H, Popplestone S, Stocker R, Stubber C, Kirkman M. Mental health of people in Australia in the first month of Covid-19 restrictions: A national survey. *Medical Journal of Australia*, 2020, DOI:10.5694/mja2.50831

Freak-Poli R, **Tran TD, Hammarberg K, Kirkman M, Owen A, FISHER J.** for the COVID-19 Restrictions Research Group. Living Alone and Mental Health during the COVID-19 Restrictions (in preparation)

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- Hamadani JD, Hasan MI, Baldi AJ, Hossain SJ, Shiraji S, Bhuiyan MS, Mehrin SF, **FISHER J**, Tofail F, Tipu SM, Grantham-McGregor S. Immediate impact of stay-at-home orders to control COVID-19 transmission on socioeconomic conditions, food insecurity, mental health, and intimate partner violence in Bangladeshi women and their families: an interrupted time series. *The Lancet Global Health*, 2020, DOI: 10.1016/S2214-109X(20)30366-1
- Hammarberg K**, Hassard J, de Silva R, Johnson L. Acceptability of screening for pregnancy intention in general practice: a population survey of people of reproductive age. *BMC Family Practice*, 2020, 21:40, DOI:10.1186/s12875-020-01110-3
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- Hanieh S**, Braat S, Simpson J, Tran H, Tran T.D, Tran T, **FISHER J**, Biggs B. The Stunting Tool for Early Prevention (STEP-36): Development and external validation of a novel tool to predict risk of stunting in children at three years of age. *BMJ Global Health*, 2019, 4:e001801. DOI:10.1136/bmjgh-2019-001801
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- Hossain SJ, Roy BR, Hossain AT, Mehrin F, Tipu SM, Tofail F, Arifeen SE, Tran TD, **FISHER J**, Hamadani J. Prevalence of Maternal Postpartum Depression, Health-Seeking Behavior and Out of Pocket Payment for Physical Illness and Cost Coping Mechanism of the Poor Families in Bangladesh: A Rural Community-Based Study. *International Journal of Environmental Research and Public Health*, 2020 (13):4727. DOI: 10.3390/ijerph17134727
- Kalra H**, Tran TD. Romero L, Chandra P, **FISHER J**. Prevalence and determinants of antenatal common mental disorders among women in India: a systematic review and meta-analysis. *Archives of Women's Mental Health*, 2020, DOI:10.1007/s00737-020-01024-0
- Khatri G**, Tran TD, Baral S, **FISHER J**. Experiences of an earthquake during pregnancy, antenatal mental health and infants' birthweight in Bhaktapur District, Nepal, 2015: a population-based cohort study. *BMC Pregnancy and Childbirth*, 2020, DOI:10.1186/s12884-020-03086
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- Malling GM, Schmidt L, Pitsillos T, **Hammarberg K**, Tydén T, Friberg B, Jensen I, Ziebe S. Taking fertility for granted – A qualitative exploration of fertility awareness among young, childless men in Denmark and Sweden. *Human Fertility*, 2020, DOI:10.1080/14647273.2020.1798516
- McKelvie S**, Leodoro B, Tran TD, **FISHER J**. Prevalence, patterns and determinants of intimate partner violence experienced by women who are pregnant in Sanma Province, Vanuatu. *Journal of Interpersonal Violence*, 2020, DOI:10.1177/0886260520969235
- Mowat H**, Dobson A.S, McDonald K, **FISHER J**, Kirkman M. "For myself and others like me": women's contributions to vulva-positive social media. *Feminist Media Studies*, 2020, 20(1), 35-52, DOI:10.1080/14680777.2018.1546209
- Ng S, Kirkman M, **FISHER J**, Pusic A, Parker E, Cooter RD, Elder E, Moore C, McNeil J, Hopper I. Establishing the acceptability of a brief patient reported outcome measure and feasibility of implementing it in a breast device registry: A qualitative study. *Journal of Patient-Reported Outcomes*, 2019, 3:63, DOI:10.1186/s41687-019-0152-x
- Nguyen QA**, Tran TD, Tran TA, Nguyen TA, **FISHER J**. Perceived parenting styles and emotional intelligence among adolescents in Vietnam. *The Family Journal*, 2020, DOI:10.1177/1066480719896558
- Nguyen T**, Tran TD, Green S, Hsueh A, Tran T, Tran H, **FISHER J**. Proof of concept of participant informed, psycho-educational, community-based intervention for people with severe mental illness in rural Vietnam. *International Journal of Social Psychiatry*, 2020, DOI:10.1177/0020764019898234

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Stocker R, Nguyen T, Tran TD, Tran H, Tran T, Hanieh S, Biggs B, FISHER J. Social and economic development and pregnancy mental health: secondary analyses of data from rural Vietnam. *BMC Public Health*, 2020, 20; 1001, DOI:10.1186/s12889-020-09067-9

Stocker R, Tran TD, Hammarberg K, Nguyen H, Rowe H, Fisher J. for the Monash COVID-19 Restrictions Research Group. Patient Health Questionnaire 9 (PHQ-9) and General Anxiety Disorder 7 (GAD-7) data contributed by 13,829 respondents to a national survey about COVID-19 restrictions in Australia. *Psychiatry Research* (under review)

Tran TD, Hammarberg K, Kirkman M, Nguyen H, FISHER J. Alcohol use and mental health status during the first months of COVID-19 pandemic in Australia. *Journal of Affective Disorders*, 2020, 277: 810–813, DOI: 10.1016/j.jad.2020.09.012

Tran TD, Nguyen H, Shochet I, Wurfl A, Orr J, Nguyen N, La N. Nguyen H, Stocker R, Nguyen T, Le M, FISHER J. School-based, two-arm, parallel, controlled trial of a culturally adapted resilience intervention to improve adolescent mental health in Vietnam: study protocol. *BMJ Open*, 2020, 10(10):e039343, DOI: 10.1136/bmjopen-2020-039343.

Wainer Z, Carcel C, Hickey M, Schiebinger L, Schmiede A, McKenzie B, Jenkins C, Webster J, Woodward M, Hehir A, Solomon B, Costa C, Lukaszyc C, Colville D, Dempsey E, Wright G, Mishra G, **FISHER J, Kulkarni J, Mitchell J,**

Hutchison K, Thompson K, Jorm L, Chappell L, Meulen M, Henry A, DiGiacomo M, Huxley R, Ivers R, Peters S, Rogers W, Wang X, Norton R. Sex and gender in health research: updating policy to reflect evidence. *The Medical Journal of Australia*, 2020, 212(2):57-62, DOI: 10.5694/mja2.50426

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Young K, **FISHER J**, **Kirkman M**. "Do mad people get endo or does endo make you mad?": Clinicians' discursive constructions of Medicine and women with endometriosis. *Feminism and Psychology*, 2019, 29(3), 337-356. DOI:10.1177/0959353518815704

PEER-REVIEWED PAPERS WHERE GWH HAS CONTRIBUTED DATA TO INTERNATIONAL META-ANALYSES

Lyubenova A, Neupane D, Levis B, Wu Y, Sun Y, He C, Krishnan A, Bhandari P, Negeri Z, Imran M, Rice D, Azar M, Chiovitti M, Saadat N, Riehm K, Boruff J, Ioannidis J, Cuijpers P, Gilbody S, Kloda L, Patten S, Shrier I, Ziegelstein R, Comeau L, Mitchell N, Tonelli M, Vigod S, Aceti F, Barnes J, Bavle A, Beck C, Bindt C, Boyce P, Bunevicius A, Chaudron L, Favez N, Figueiredo B, Garcia-Esteve L, Giardinelli L, Helle N, Howard L, Kohlhoff J, Kusminskas L, Kozinszky Z, Lelli L, Leonardou A, Meuti V, Nakić Radoš S, García P, Pawlby S, Quispel C, Blackmore E, Rochat T, Sharp D, Siu B, Stein A, Stewart R, Tadinac M, Tandon S, Tendais I, Töreki A, Giménez A, **Tran TD**, Trevillion K, Turner K, Dienstmaier J, Benedetti A, Thombs B. Depression Prevalence Based on the Edinburgh Postnatal Depression Scale Compared to Structured Clinical Interview for DSM Classification: Systematic Review and Individual Participant Data Meta-analysis. *Journal of Methods in Psychiatric Research*, 2020.

Wu Y, Levis B, Ioannidis J.P.A, Benedetti A, Thombs B.D, Screening Data (DEPRESSD) Probability of Major Depression Classification Based on the SCID, CIDI, and MINI Diagnostic Interviews: A Synthesis of Three Individual Participant Data Meta-Analyses. *Psychotherapy and Psychosomatics*, 2020, 1-13. DOI:10.1159/000509283) (**FISHER J**, **Tran TD**. and **Rowe H**. are members of the Depression Screening Data (DEPRESSD) PHQ Collaboration and contributed data).

Levis B, Sun Y, He C, Wu Y, Krishnan A, Bhandari PM, Neupane D, Imran M, Brehaut E, Negeri Z, Fischer FH, for the Depression Screening Data (DEPRESSD) PHQ Collaboration. Accuracy of the PHQ-2 Alone and in Combination With the PHQ-9 for Screening to Detect Major Depression: Systematic Review and Meta-analysis. *JAMA*, 2020, 323(22):2290-2300, DOI:10.1001/jama.2020.6504 (**FISHER J**, **Tran TD**. and **Rowe H**. are members of the Depression Screening Data (DEPRESSD) PHQ Collaboration and contributed data).

Thombs B, Levis B, Lyubenova A, Neupane D, Negeri Z, Wu Y, Sun Y, He C, Krishnan A, Vigod S, Bhandari P, Imran M, Rice D, Azar M, Chiovitti M, Saadat N, Riehm K, Boruff J, Cuijpers P, Gilbody S, Ioannidis J, Kloda L, Patten S, Shrier I, Ziegelstein R, Comeau L, Mitchell N, Tonelli M, Barnes J, Beck C, Bindt C, Figueiredo B, Helle N, Howard L, Kohlhoff J, Kozinszky Z, Leonardou A, Radoš S, Quispel C, Rochat T, Stein A, Stewart R, Tadinac M, Tandon S, Tendai I, **Tran TD**, Trevillion K, Turner K, Vega-Dienstmaier J, Benedetti A. Overestimation of Postpartum Depression Prevalence Based on a 5-item Version of the EPDS: Systematic Review and Individual Participant Data Meta-Analysis. *Canadian Journal of Psychiatry*, 2020, DOI:10.1002/impr.1860

Brooke L, Zelalem N, Ying S, Andrea B, Brett T and the EPDS Group Accuracy of the Edinburgh Postnatal Depression Scale (EPDS) for screening to detect major depression among pregnant and postpartum women: systematic review and meta-analysis of individual participant data. *BMJ* 2020; 371 (FISHER J, Tran TD and Rowe H are members of the DEPRESSD EPDS Research Group and contributed data)

BOOK CHAPTERS

FISHER J, and Hammarberg K. Infertility, New Reproductive Technologies, and Women's Mental Health. In: Chandra P, Herrman H, Fisher J, Riecher-Rössler A. (eds) *Mental Health and Illness of Women. Mental Health and Illness Worldwide*, Springer, Singapore, 2020, p127-145. DOI:10.1007/978-981-10-2369-9-16

FISHER J, Hammarberg K. Psychological aspects of pregnancy and pregnancy health care in their social and cultural contexts. In: Ussher JM, Chrisler JC, Perz, J (eds), *Routledge International Handbook of Women's Sexual and Reproductive Health*, Taylor & Francis, London 2019, ISBN: 9781351035620. DOI:10.4324/9781351035620

FISHER J, McKelvie S, Ree S. Interpersonal Violence and Perinatal Mental Health. In: Chandra P., Herrman H., Fisher J., Riecher-Rössler A. (eds) *Mental Health and Illness of Women. Mental Health and Illness Worldwide*, Springer, Singapore, 2020, DOI:10.1007/978-981-10-0371-4_26-2

Hammarberg, K, Schmidt, L, Malling, G., & Koert, E. Using Technology to Enhance Communication in Medically Assisted Reproductive Care. In Domar A, Sakkas D, Toth T.(eds.), *Patient-Centered Assisted Reproduction: How to Integrate Exceptional Care with Cutting-Edge Technology* (pp. 95-105). Cambridge University Press, Cambridge, 2020, DOI:10.1017/9781108859486.009

Nguyen T, Tran T, Tran H, Tran TD, FISHER J. Challenges in Integrating Mental Health into Primary Care in Vietnam. In: Okpaku S. (ed) *Innovations in Global Mental Health. Springer, Cham*, 2019, DOI:10.1007/978-3-319-70134-9_74-1

Razali S, FISHER J, Kirkman M. Maternal Filicide in Malaysia: Structural inequality and cultural disparity. In Wong G, Parnham G. (editors) *Infanticide and Filicide: Foundations in Maternal Mental Health Forensics*, ed. (ch. 14, pp. 321-338), American Psychiatric Association, 2020.

PRESENTATIONS

Due to the coronavirus pandemic, many invitations to speak at conferences were cancelled or re-scheduled to 2021.

CONFERENCE AND ACADEMIC PRESENTATIONS

FISHER J. *Social determinants of mental health problems among women.* Invited presentation to Christian Medical College Vellore Department of Psychiatry, Vellore India, 2 January 2020.

FISHER J. *Innovative approaches to promotion, prevention and early intervention in perinatal mental health and early childhood development.* Invited presentation to the Christian Medical College Vellore Departments of Obstetrics and Gynaecology, and Psychiatry, Vellore, India, 3 January 2020

FISHER J. *Psychological aspects of pregnancy, childbirth and infant development: implications for respectful maternity care.* Invited presentation to the SPARC Technical Consultation on Respectful Maternity Care. Jawaharlal Institute of Postgraduate Medical Education and Research, Pondicherry, India, 8 January 2020.

FISHER J. *Social determinants of mental health problems among women: implications for public policies and programs.* Invited presentation to the Master of Public Health, Jawaharlal Institute of Postgraduate Medical Education and Research, Pondicherry, India, 9 January 2020.

Hammarberg K. *Retrospective donor identity openness.* Reproductive Rights and Liberties Workshop. Law Health Justice Centre UTS 6-7 February 2020.

FISHER J. *What is working for babies, toddlers, and their families that we need to be doing more of?* Invited presentation to the National Early Years Summit, Melbourne, 11-12 March 2020.

Hammarberg K. *Development and evaluation of a preconception health online learning module for nurses in primary care.* European Society for Human Reproduction and embryology annual conference, Copenhagen July 2020.

Hviid Malling GM, Schmidt L, Pitsillos T, Tydén T, **Hammarberg K**, Friberg B, Toftelund Jensen I, Ziebe S. *Taking fertility for granted – A qualitative exploration of fertility awareness among young, childless men in Denmark and Sweden.* ESHRE conference, Copenhagen, Denmark, July 2020.

FISHER J, Understanding and responding to the social determinants of perinatal mental health problems: Essential to making services, systems and policies effective. Presented in Fisher J and Chandra P (convenors) Developing Perinatal and Infant Mental Health Services in South and South East Asia: Local Evidence and Clinical Experiences Symposium. *International Marcé Society for Perinatal Mental Health Virtual Conference*, 6 October 2020.

FISHER J Tran T, Nguyen T, Tran H. *Development and implementation of Learning Clubs for women's health and infant development in Ha Nam Province Vietnam.* In Bhat A (convenor), Perinatal Mental Health and Parenting: Across Generations and Across Borders Symposium *International Marcé Society for Perinatal Mental Health Virtual Conference*, 7 October 2020.

Kalra H, Tran T, FISHER J *Prevalence and predictors of perinatal mental health disorders in South and South East Asia.* Presented in Fisher J and Chandra P (convenors) Developing Perinatal and Infant Mental Health Services in South and South East Asia: Local Evidence and Clinical Experiences Symposium. *International Marcé Society for Perinatal Mental Health Virtual Conference*, 6 October 2020.

Shah R, Gaurav S. *Which mothers do we 'care'— really 'care' for? Thinking equity in the evaluation of the Janani Suraksha Yojana in Odisha.* Sixth Global Symposium on Health Systems Research 2020. Virtual Conference 8-12 November 2020.

Hammarberg K. *Evaluation of a preconception health online learning module for nurses in primary care*. SPHERE CRE Virtual Annual Meeting, 24 and 26 November 2020

Hammarberg K, Stocker R, Trounson A, FISHER J. *Preconception health information and service needs of women with chronic non-communicable health conditions: A systematic review*, SPHERE CRE Virtual Annual Meeting, 24 and 26 November 2020

Davidson N, Hammarberg K, FISHER J. *Sexual and reproductive health service access and use by women from refugee like backgrounds: A systematic review*, SPHERE CRE Virtual Annual Meeting, 24 and 26 November, 2020

INVITED VIRTUAL COMMUNITY EDUCATION PRESENTATIONS

FISHER J. *Coping Strategies for Wellbeing during the time of COVID-19*. The Royal Australian and New Zealand College of Obstetricians and Gynaecologists, 28 July 2020.

FISHER J. *Impacts of the Covid-19 restrictions on the mental health of adults in Australia: Implications for public health and clinical care*. Faculty of Medicine, Nursing and Health Sciences Monash University, From the Frontline: Clinical impacts of COVID-19 webinar, 12 August 2020.

FISHER J. *COVID-19 and Pregnancy - What you Need to Know*. The Royal Australian and New Zealand College of Obstetricians and Gynaecologists Panel Discussion, 18 August 2020.

FISHER J. *The psychological impact of COVID-19 - Practitioner Burnout*. Integrated Care Community of Practice, Alfred Hospital Professional Development for Nursing Staff 26 August 2020.

FISHER J. *COVID & Women: Shining a Light on Gender, Inequality and the Pandemic*. Women's Health East, 17 September 2020.

Hammarberg K. *Trying for a baby? Understanding your options when you're having trouble getting pregnant*, Training to Medibank Private health concierge team, September 2020.

FISHER J. *Life interrupted*, Bayside Seniors Festival. Bayside City Council 20 October 2020.

FISHER J. *Gender and COVID: challenges and silver linings*. Medical Education Research and Quality Seminar, Monash University, Melbourne, 21 October 2020.

FISHER J. *Managing sleep to improve family life*. Victorian Bar Association, 29 October 2020.

FISHER J. *Let's Talk: Our State of Mind During COVID 19*, Expert panel discussion panel. Adelaide Advertiser, 4 November 2020.

FISHER J. *Share the care in a way that's fair*. National Association of Women in Operations, Professional Development Seminar 6 November 2020.

FISHER J. *Mental health of people in Australia in the first month of COVID-19 restrictions: distribution of severity in suburbs of Melbourne*. The Melbourne Experiment, Institute of Planning and Architecture Webinar, 13 November 2020.

FISHER J. *Mental health of women in Australia in the context of COVID 19*. Jean Hailes for Women's Health Roundtable Consultations for the National Women's Health Policy, 27 November 2020

MEDIA

There has been great interest in our work and wide media coverage this year with significant interest in our research about the mental health impact of the COVID-19 restrictions. Alongside my regular Monday afternoon position as the guest on Rafael Epstein's ABC radio 'Life and Other Catastrophes' segment, I have contributed to media coverage across TV, print, web and radio channels. A total of 823 mentions has been recorded, with an estimated total audience of 7,089,350 and an advertising value equivalent for Monash University of \$2,704,393.

Coverage highlights include ABC online articles which helped to drive participation in our COVID-19 mental health online survey, and key coverage on ABC and Channel Nine TV news covering the survey results. Coincidentally, on November 23 one of our listeners asked what it entails to be the Finkel Chair, and I am delighted to be sharing the clip with this report.



Jane with Rafael Epstein

RESEARCH SUPERVISION

September 2019 – November 2020

HIGHER DEGREE COMPLETIONS

Dr Rebecca O'Hara

Endometriosis – from woe to go. PhD, December 2019
Supervisors: Jane Fisher and Heather Rowe

Dr Karin Stanzel

Health Literacy and Menopause: a study of health literacy and menopause in migrant women aged 40-65.
PhD, September 2020
Supervisors: Jane Fisher and Karin Hammarberg

Chethana Mudunna

Understanding youth mental health in Sri Lankan communities. Bachelor of Biomedical Science Honours, December 2020.
Supervisors: Jane Fisher and Josefine Antoniades

Pramasari Wijaya

Female genital cosmetic surgery: Perspectives of health and other professionals who work with women's bodies. Bachelor of Medical Science Honours, December 2020.
Supervisors: Maggie Kirkman and Jane Fisher

Ruby Stocker

Social and economic development and pregnancy mental health: secondary analyses of data from rural Vietnam. Bachelor Biomedical Science Honours, December 2019.
Supervisors: Jane Fisher and Trang Nguyen

Stephanie McKelvie

Intimate partner violence during pregnancy in Sanma, Vanuatu: a cross-sectional study of prevalence, patterns, determinants and association with mental health. Bachelor Medical Science Honours, December 2019 and Scholarly Intensive Program, May 2020 – June 2020.
Supervisors: Jane Fisher and Thach Tran

CONTINUING PhD STUDENTS

Harish Kalra

Perinatal Mental Health of Women in India: Gaps and Challenges
Supervisors: Jane Fisher and Thach Tran

Faye Forbes

Role of fathers in perinatal health care: culturally and linguistically diverse family experience
Supervisors: Jane Fisher, Karen Wynter and Berihun Zeleke

Rohit Shah

Evaluation of outcomes and impacts of the National Rural Health Mission
Joint IITB and Monash PhD Program
Supervisors: Guarav Sarthak and Jane Fisher

Eunice Wong

Following a consumer-driven healthcare policy from policy into practice – Safer Care Victoria
Supervisors Felix Mavondo and Jane Fisher

Natasha Davidson

Health literacy as a determinant of equitable access to cervical screening for refugees in Victoria
Supervisors: Jane Fisher and Karin Hammarberg

Yeji Baek

Cost-effectiveness of maternal and child nutrition interventions in developing countries
Supervisors: Alice Owen, Thach Tran and Jane Fisher

Ezra Kneebone

Australians' Experiences of Surrogacy Arrangements
Supervisors: Kiri Beilby and Karin Hammarberg



Stephanie McKelvie's Project: fieldwork images from Vanuatu

NEW AND CONTINUING RESEARCH GRANTS 2019 – 2020

Leder K, Cheng A, McGuinness S, Zoungas S, Hodgson C, **FISHER J**, Sim M, Forbes A, Cameron P, Kirkman M, Liew D, Kasza J, Teede H, Smith K. L, Kelsall H, Russo P, Udy A, Hunter P, Trauer J, Russell G & Skouteris H. *The coronavirus in Victorian healthcare and aged care workers (COVIC-HA) cohort study*. Victorian Department of Jobs, Precincts and Regions (DJPR) (Victoria) **\$1,401,000** (7/10/2020 – 7/10/2021)

Bassed R, Ryan J, Manning E, Moller M, Bugeja L, Ibrahim J, **FISHER J** & Wells D. *Accredited training for sexual violence responses*. Australian Department of Social Services **\$4,398,800** (2020-2022)

Muir J, Burgell R, Varney J, Moore J, Morrison M. & **FISHER J**. *Creating an evidence base for clinical care: A randomized controlled study examining the efficacy of the low FODMAP diet for the relief of gastrointestinal symptoms in endometriosis*. Australian Department of Health **\$948,619.20** (2020-2025)

FISHER J, Tran TD, Nguyen T, Tran T, Tran H. *Impact on men's attitudes and behaviours of a multi-component, gender-informed, father-inclusive intervention for early child development in Vietnam*. Sexual Violence Research Initiative and World Bank Group **USD 99,904** (2020-2022)

FISHER J, Tran TD, Thean P, Nguyen H. *Cohort investigation of women admitted with their infants or toddlers to Masada Private Hospital Early Parenting Centre to identify indicators of immediate- and medium-term program impact*. Ramsay Hospital Research Foundation **\$503,707** (2020-2021)

Rowe Murray, H., **FISHER, J.**, Weller, C., Campbell, D., Craig, L., Meggetto, L. & Robertson, J. *MHIPC: Strengthening mental health capacity and service integration in primary postnatal care in Victoria*. The Department of Health **\$170,404** (2019-2021)

Evans S, Heathcote P, Mark S, Frydenberg M, Kirkman M, **FISHER J**. *Movember Collaborative Project*. Movember Foundation **\$66,259** (2020-2021)

Dasari P, Mahalakshmy T, **FISHER J**, Sastry J. *Actions louder than words: development of curriculum and course for health professionals and a mobile phone app for intrapartum women to actualize Respectful Maternal Care (RMC) in India*. Government of India – Ministry of Human Resource Development **\$99,000** (2019-2021)

Tran T, Nguyen H, FISHER J, Shochet I, Le M, Holton S. *Addressing an unrecognised public health problem in Vietnam: a clustered randomised controlled trial of the culturally adapted Resourceful Adolescent Program (RAP-V) to improve adolescent mental health*. NHMRC NAFOSTED International Joint Call **\$498,545** (2019-2021)

Rees S, **FISHER J**, Stell Z. *Refugee women, intimate partner violence and settlement: The first cohort study*. NHMRC Project Grant **\$ 670,788** (2019-2022)

Hickey M, Peate M, Norman R, Hart R, **FISHER J**. *Eggsurance? A randomised controlled trial of a novel Decision Aid for women considering egg freezing*. NHMRC Project Grant **\$593,042.72** (2019-2021)

Mishra G, Hickey M, Dobson A, Gannon B, Doust J, **FISHER J**, Cicuttini F, Huxley R, Tooth L, Brown H. *Centre of Research Excellence on Women and Non-communicable Disease (CRE WaND): Prevention and Detection*. NHMRC Centres of Research Excellence **\$2,495,848** (2019-2023)

Mazza D, **FISHER J**, Taft A, Black K, Lucke J, Haas M, Hussainy S, McGeechan K, Norman W. *SPHERE – The Centre of Research Excellence in Sexual and Reproductive Health for Women: Achieving Better Outcomes through Primary Care*. NHMRC Centres of Research Excellence **\$2,499,270**. (2019-2023)

Hiscock H, Jorm A, Goldfeld S, **FISHER J**, Eastwood J, Reupert A, Sancu L, Yap M, Dalziel K, Eapen V. *Centre of Research Excellence in Childhood Adversity and Associated Depression and Anxiety*. NHMRC Centres of Research Excellence **\$2,495,356.5** (2019-2023)



Further information

For further information about the impact of your gift,
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