The School of Public Health and Preventive Medicine (SPHPM) is the second biggest School within the Faculty of Medicine, Nursing and Health Sciences at Monash University. We provide a strong research environment with millions of dollars in research funding. We are well known nationally and internationally for providing leadership in understanding, advancement, education and practical application of the discipline of public health issues and practices thereby improving health outcomes for the Australian community.

Our principal expertise lies in epidemiology (including clinical epidemiology), biostatistics, health economics, large scale clinical data-management and health services research.

Our Honours program offers a career path into many areas of public health and clinical research. The School runs 3 Honours Program: Bachelor of Medical Sciences (Hons), Bachelor of Biomedical Sciences (Hons) and the Bachelor of Health Sciences (Hons).

For enquires regarding the SPHPM Honours Programs:

**Bachelor of Medical Science (BMedSc)**

Professor Danny Liew  
SPHPM BMedSc Honours Coordinator  
Email: danny.liew@monash.edu

**Bachelor of Biomedical Science (BBiomedSc):**

Dr Joanne Ryan  
SPHPM BBiomedSc Honours Coordinator  
Email: joanne.ryan@monash.edu  
Tel: 03 9903 0200

Sharon Gurry  
SPHPM Honours Administrator  
Tel: 03 9903 0827  
Email: spphpm-honours@monash.edu

**Bachelor of Health Science (BHSc):**

Dr Darshini Ayton  
BHSc (Hons) Course Coordinator  
Email: darshini.ayton@monash.edu  
Tel: 03 9903 1660

Christine McMahon  
Undergraduate Courses Manager  
Email: med-sphpm-ug@monash.edu  
Tel: 03 9903 1660

How to use this index booklet

This index booklet lists the Honours Projects available for 2022. For further information about a particular research project, see the project description in the online database Supervisor Connect:  
https://www.monash.edu/medicine/research/supervisorconnect

For further information regarding individual projects students should contact the nominated researcher associated with that project.

Listed projects are an indication of available project only. Please contact the listed supervisors to discuss other project options.

Making your application

Information regarding the individual programs, entry requirements and application process can be found at:  
https://www.monash.edu/medicine/sphpm/study/honours

Information regarding available scholarships can also be found at this website.
Acute and Critical Care

Acute and Critical Care research focuses on improving outcomes for people experiencing serious or life-threatening illness or medical emergency. We work closely with Australian and international health services, relevant health authorities, clinical registries, government agencies and other third parties to access relevant health data and run clinical trials. Our research provides evidence that supports improvements to clinical guidelines and outcomes, ensures optimal stewardship of precious medical resources, and influences the effective, efficient and ethical treatment of these seriously unwell patients.

Our areas of expertise include clinical medicine, epidemiology, biostatistics, data management, clinical trials and health economics. Where needed, we draw on the experience of colleagues in the School’s research methodology divisions to inform research design, implementation and data analysis, to ensure optimal impact and value.

E-bikes: cycling into the future
Supervisor: Dr Ben Beck
Ben.Beck@monash.edu

The Victorian State Trauma Registry: from injury to recovery
Supervisor: Dr Ben Beck
Ben.Beck@monash.edu

Using trauma registry data to drive injury prevention
Supervisor: Dr Ben Beck
Ben.Beck@monash.edu

Geospatial mapping of major trauma
Supervisor: Dr Ben Beck
Ben.Beck@monash.edu

Understanding barriers and enablers of cycling
Supervisor: Dr Ben Beck
Ben.Beck@monash.edu

Cycling safety and promotion
Supervisor: Dr Ben Beck
Ben.Beck@monash.edu

Nutrition in the critically ill
Supervisor: Dr Emma Ridley
Emma.Ridley@monash.edu

The productivity burden of breast cancer in Australia
Supervisor: Assoc Professor Zanfina Ademi Delaney
Zanfina.Ademi@monash.edu

How do we stop people getting injured? Using qualitative methods to examine opportunities for injury prevention
Supervisor: Dr Sandy Braaf
Sandy.Braaf@monash.edu

Studies of myeloma and related diseases in Australia and New Zealand
Supervisor: Elizabeth Moore
Elizabeth.Moore@monash.edu

Investigating health-related quality of life in patients with multiple myeloma over the course of their disease
Supervisor: Elizabeth Moore
Elizabeth.Moore@monash.edu

Investigating multiple myeloma precursor disease
Supervisor: Elizabeth Moore
Elizabeth.Moore@monash.edu

Prehospital blood product availability and use across Australia
Supervisor: Assoc Professor Erica Wood
Erica.Wood@monash.edu

Identifying factors related to low stroke recognition in emergency calls
Supervisor: Assoc Professor Janet Bray
Janet.Bray@monash.edu

Acute Risk Change (ARC): identifying perioperative performance variation in Australian cardiac surgery (1)
Supervisor: Dr Tim Coulson
Tim.Coulson@monash.edu

Acute Risk Change (ARC): identifying preoperative performance variation in Australian cardiac surgery (2)
Supervisor: Dr Tim Coulson
Tim.Coulson@monash.edu

Factors associated with regional variation in heart attack risk in Australia
Supervisor: Assoc Professor Janet Bray
Janet.Bray@monash.edu

Barriers and enablers impacting health professionals’ referral to supportive care services for patients with pancreatic & esophagogastric cancer
Supervisor: Dr Liane Ioannou
Liane.Ioannou@monash.edu

Understanding the utilisation and role of pain management in patients with pancreatic cancer – challenges and opportunities
Supervisor: Dr Liane Ioannou
Liane.Ioannou@monash.edu

Imaging for pyelonephritis in the Emergency Department
Supervisor: Professor Biswadev Mitra
Biswaede.Mitra@monash.edu

Interpretation of CT CSpine by Emergency & Trauma Clinicians
Supervisor: Professor Biswadev Mitra
Biswaede.Mitra@monash.edu

Nutrition in the critically ill
Supervisor: Dr Emma Ridley
Emma.Ridley@monash.edu

Examining claimant outcomes in the long-term recovery of survivors of traumatic injury
Supervisor: Dr Sandy Braaf
Sandy.Braaf@monash.edu
A comparison of quality of life instruments for use following ICU
Supervisor: Dr Lisa Higgins
Lisa.Higgins@monash.edu

The costs and cost-effectiveness of ECMO
Supervisor: Dr Lisa Higgins
Lisa.Higgins@monash.edu

Critical bleeding and surgery
Supervisor: Dr Rosemary Sparrow
Rosemary.Sparrow@monash.edu

Emergency hospital admission critical bleeding and massive transfusion
Supervisor: Dr Rosemary Sparrow
Rosemary.Sparrow@monash.edu

The Health Literacy Project (HeLP): establishing health literacy needs and profiles of traumatically injured people
Supervisor: Dr Sandy Braaf
Sandy.Braaf@monash.edu

Recovery from serious injury: perceptions of health and support service use, access and quality
Supervisor: Dr Sandy Braaf
Sandy.Braaf@monash.edu

How do we stop people getting injured? Using qualitative methods to examine opportunities for injury prevention
Supervisor: Dr Sandy Braaf
Sandy.Braaf@monash.edu

Evaluating the usefulness and acceptability of a trauma recovery information booklet
Supervisor: Dr Sandy Braaf
Sandy.Braaf@monash.edu

LINK project: Leading development of an Injured person’s social Network
Supervisor: Dr Sandy Braaf
Sandy.Braaf@monash.edu

Drivers of increasing ambulance demand among people aged less than 60 years
Supervisor: Professor Karen Smith
Karen.Smith@monash.edu

Examining claimant outcomes in the long-term recovery of survivors of traumatic injury
Supervisor: Dr Sandy Braaf
Sandy.Braaf@monash.edu

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Chronic Disease and Ageing

Our team has a broad range of research interests focused on health and healthcare delivery across the lifespan. We explore ways to keep people living long, healthy and productive lives.

Our research portfolio includes diverse research into the prevention, diagnosis and treatment of diseases often associated with ageing, including cancer, diabetes, heart disease, musculoskeletal disease and neuropsychiatric disorders. We conduct projects that utilise genomic technologies and consider their role in societal and ethical contexts. We also undertake research into health issues specific to women, and investigate therapies for prevention and treatment of diseases among the elderly.

We have expertise in clinical medicine, biostatistics, epidemiology, clinical trials, clinical registries, health economics, evidence synthesis, and drug and medical device evaluation.

Cost analysis of adverse drug reactions
Supervisor: Dr Ar Kar Aung
ar.aung@monash.edu

Pain in knee osteoarthritis - can targeting treatment lead to better outcomes?
Supervisor: Professor Anita Wluka
anita.wluka@monash.edu

What stops people from changing their behaviours to reduce dementia risk?
Supervisor: A/Prof Joanne Ryan
joanne.ryan@monash.edu

Biological Risk Factors and Predictors of Chronic Pain in Older Age
Supervisor: Dr Bernadette Fitzgibbon
bernadette.fitzgibbon@monash.edu

Characteristics of home-based nursing clients
Supervisor: Dr Judy Lowthian
judy.lowthian@monash.edu

ASPREE and Cancer
Supervisor: Dr Suzanne Orchard
suzanne.orchard@monash.edu
Exchanging the impact of an automated electronic pathology notification system (E-Path) on cancer incidence in Victoria
Supervisor: Professor Sue Evans
Sue.Evans@monash.edu

Resilience to cognitive ageing
Supervisor: A/Prof. Joanne Ryan
Joanne.Ryan@monash.edu

Conversation as Therapy (CaT) Pin
Supervisor: Dr Judy Lowthian
Judy.Lowthian@monash.edu

Can we modify biological ageing?
Supervisor: A/Prof. Joanne Ryan
Joanne.Ryan@monash.edu

Identifying the change in patterns of orthopaedic trauma during the 2020 Victorian COVID-19 lockdown
Supervisor: Dr Joanna Dipnall
Joanna.Dipnall@monash.edu

Structured Surgical Reporting in Gynaecologic Oncology
Supervisor: Natalie Heriot
Natalie.Heriot@monash.edu

How can we communicate with the public about over testing and overdiagnosis?
Supervisor: Mr Tomas Rozbroj
Tomas.Rozbroj@monash.edu

Examining how the public undertake self-directed research to understand overdiagnosis
Supervisor: Mr Tomas Rozbroj
Tomas.Rozbroj@monash.edu

Microsatellite instability in endometrial cancer - a literature review
Supervisor: Ms Natalie Heriot
Natalie.Heriot@monash.edu

The National Gynae-Oncology Registry – ovarian, tubal and peritoneal cancers
Supervisor: Ms Natalie Heriot
Natalie.Heriot@monash.edu

Chronic Pain in Older Adults: Epidemiology and Clinical Correlates of a Global Public Health Crisis
Supervisor: Dr Bernadette Fitzgibbon
Bernadette.Fitzgibbon@monash.edu

Hearing: epidemiology & public health impact of hearing loss in older-age
Supervisor: Dr Bernadette Fitzgibbon
Bernadette.Fitzgibbon@monash.edu

Studies of common health issues in an ageing Australian population
Supervisor: Dr Bernadette Fitzgibbon
Bernadette.Fitzgibbon@monash.edu

Developing a person-centred falls prevention program for people with osteoarthritis
Supervisor: Assoc Professor Ilana Ackerman
Ilana.Ackerman@monash.edu

Epidemiology and outcomes in hip, knee and shoulder replacement surgery
Supervisor: Assoc Professor Ilana Ackerman
Ilana.Ackerman@monash.edu

Connecting Communities to Care
Supervisor: Dr Judy Lowthian
Judy.Lowthian@monash.edu

Complex co-morbidity in the community – understanding ill-health in older community members
Supervisor: Dr Judy Lowthian
Judy.Lowthian@monash.edu

A Review of Patient Reported Outcome Measures (PROMs) Tools for Endometrial Cancer
Supervisor: Natalie Heriot
Natalie.Heriot@monash.edu

Predictors of cancer and cancer resilience in older populations
Supervisor: Dr Prudence Carr
Prudence.Carr@monash.edu

Brain Imaging of the older Australian population: epidemiology, public health & the prediction of chronic illness
Supervisor: Dr Bernadette Fitzgibbon
Bernadette.Fitzgibbon@monash.edu

Retinal vascular patterns, epidemiology & the prediction of chronic illness
Supervisor: Dr Bernadette Fitzgibbon
Bernadette.Fitzgibbon@monash.edu

Epidemiology of eye disease in older age
Supervisor: Dr Bernadette Fitzgibbon
Bernadette.Fitzgibbon@monash.edu

Validating self-reporting by participants in the Australian Rheumatology Association Database (ARAD) by linking to medical services (MBS) and pharmaceuticals (PBS)
Supervisor: Mr Ashley Fletcher
Ashley.Fletcher@monash.edu

A New Direction in End of Life Care? Assessing the impact and consequences of the Victorian Voluntary Assisted Dying Act
Supervisor: Dr Camille La Brooy
Camille.Labrooy@monash.edu

The productivity impact of mental health in Australia
Supervisor: Dr Ella Zomer
Ella.Zomer@monash.edu

Investigating novel imaging for prostate cancer staging
Supervisor: Dr Nathan Papa
Nathan.Papa@monash.edu

Delaying chronic disease onset in an ageing Australian population
Supervisor: Dr Prudence Carr
Prudence.Carr@monash.edu
Our work is concerned with a diverse range of issues that influence the effective, efficient, equitable and ethical delivery of health services. Our broad remit includes understanding and influencing health and social policy that underpin service delivery and implementation science to transform healthcare and related services.

We work across multiple content domains including women’s health, occupational health and work disability. The Division applies multidisciplinary experience to these issues, drawn from clinicians, epidemiologists, social scientists, psychologists, physiotherapists, lawyers, philosophers, biostatisticians, economists, implementation scientists and management scientists.

Social relationships, social networks and help-seeking among older adults living with asthma
Supervisor: Dr Chris Barton
Chris.Barton@monash.edu

Written asthma action plans - views of older adults and health professionals on their use in self-management of asthma
Supervisor: Dr Chris Barton
Chris.Barton@monash.edu

Self-administration of injectable contraception: What are the views of Australian women?
Supervisor: Professor Danielle Mazza
Danielle.Mazza@monash.edu

What do women think about medical abortion being provided by their GP?
Supervisor: Professor Danielle Mazza
Danielle.Mazza@monash.edu

Contraception counselling and provision at 6-week postnatal check
Supervisor: Dr Jessica Botfield
Jessica.Botfield@monash.edu

Use of standing orders for sexual and reproductive health among nurses in Australia: current situation and future opportunities
Supervisor: Dr Jessica Botfield
Jessica.Botfield@monash.edu

Implementing mental health guidelines in general practice
Supervisor: Dr Samantha Chakraborty
Samantha.Chakraborty@monash.edu

Assessing knowledge, attitudes and practices of GPs towards work-related mental health conditions
Supervisor: Dr Samantha Chakraborty
Samantha.Chakraborty@monash.edu

Emergency contraceptive pill delivered through community pharmacists: What has happened in 15 years?
Supervisor: Anisa Assifi
Anisa.Assifi@monash.edu

Acceptability of adolescents undertaking contraceptive counselling with pharmacist
Supervisor: Anisa Assifi
Anisa.Assifi@monash.edu

Literature review update: Why isn’t the patient’s work-related mental health condition improving as expected?
Supervisor: Dr Samantha Chakraborty
Samantha.Chakraborty@monash.edu
Health Systems, Services and Policy

Our work is concerned with a diverse range of issues that influence the effective, efficient, equitable and ethical delivery of health services. Our broad remit includes understanding and influencing health and social policy that underpin service delivery and implementation science to transform healthcare and related services.

We work across multiple content domains including women’s health, occupational health and work disability. The Division applies multidisciplinary experience to these issues, drawn from clinicians, epidemiologists, social scientists, psychologists, physiotherapists, lawyers, philosophers, biostatisticians, economists, implementation scientists and management scientists.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Supervisor/Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Understanding Trucker Health</td>
<td>Dr Ross Iles (<a href="mailto:ross.iles@monash.edu">ross.iles@monash.edu</a>)</td>
</tr>
<tr>
<td>Measuring functional limitation in workers’ compensation claimants</td>
<td>Dr Ross Iles (<a href="mailto:ross.iles@monash.edu">ross.iles@monash.edu</a>)</td>
</tr>
<tr>
<td>The witching hour: When do burn injuries occur?</td>
<td>Dr Lincoln Tracy (<a href="mailto:Lincoln.Tracy@monash.edu">Lincoln.Tracy@monash.edu</a>)</td>
</tr>
<tr>
<td>Burn injuries in young adults</td>
<td>Dr Lincoln Tracy (<a href="mailto:Lincoln.Tracy@monash.edu">Lincoln.Tracy@monash.edu</a>)</td>
</tr>
<tr>
<td>Association between medical comorbidities and the management of burn injuries</td>
<td>Dr Lincoln Tracy (<a href="mailto:Lincoln.Tracy@monash.edu">Lincoln.Tracy@monash.edu</a>)</td>
</tr>
<tr>
<td>The Burns Registry of Australia and New Zealand: Targeting Prevention and Patient Care</td>
<td>Dr Lincoln Tracy (<a href="mailto:Lincoln.Tracy@monash.edu">Lincoln.Tracy@monash.edu</a>)</td>
</tr>
<tr>
<td>Profiling health care usage in women with a focus on the first two years after childbirth</td>
<td>Dr Joanna Enticott (<a href="mailto:Joanna.Enticott@monash.edu">Joanna.Enticott@monash.edu</a>)</td>
</tr>
<tr>
<td>Intervention development for women with PCOS</td>
<td>Dr Siew Lim (<a href="mailto:Siew.Lim@monash.edu">Siew.Lim@monash.edu</a>)</td>
</tr>
<tr>
<td>Importance of continuity of care for injury/illness recovery</td>
<td>Dr Shannon Gray (<a href="mailto:Shannon.Gray@monash.edu">Shannon.Gray@monash.edu</a>)</td>
</tr>
<tr>
<td>Profiling health care use by women in the first two years after childbirth</td>
<td>Dr Melanie Gibson-Helm (<a href="mailto:Melanie.Gibson@monash.edu">Melanie.Gibson@monash.edu</a>)</td>
</tr>
<tr>
<td>Lifestyle management in women with polycystic ovary syndrome</td>
<td>Assoc Professor Lisa Moran (<a href="mailto:Lisa.Moran@monash.edu">Lisa.Moran@monash.edu</a>)</td>
</tr>
<tr>
<td>Co-parenting interventions to support healthy lifestyle changes for women, partners and children during and post pregnancy</td>
<td>Assoc Professor Lisa Moran (<a href="mailto:Lisa.Moran@monash.edu">Lisa.Moran@monash.edu</a>)</td>
</tr>
<tr>
<td>Profiling health care usage in people with cerebral palsy</td>
<td>Joanna Enticott (<a href="mailto:Joanna.Enticott@monash.edu">Joanna.Enticott@monash.edu</a>)</td>
</tr>
<tr>
<td>Five-year prevalence and determinants of mental illness in recently resettled refugee populations</td>
<td>Dr Joanna Enticott (<a href="mailto:Joanna.Enticott@monash.edu">Joanna.Enticott@monash.edu</a>)</td>
</tr>
<tr>
<td>Psychometric evaluation of the Questionnaire about the Process of Recovery (QPR)</td>
<td>Dr Joanna Enticott (<a href="mailto:Joanna.Enticott@monash.edu">Joanna.Enticott@monash.edu</a>)</td>
</tr>
<tr>
<td>Developing and implementing tools to improve pregnancy outcomes</td>
<td>Professor Helena Teede (<a href="mailto:Helena.Teede@monash.edu">Helena.Teede@monash.edu</a>)</td>
</tr>
<tr>
<td>Development of a novel digital APP to promote healthy lifestyles in pregnancy</td>
<td>Dr Cheryce Harrison (<a href="mailto:Cheryce.Harrison@monash.edu">Cheryce.Harrison@monash.edu</a>)</td>
</tr>
<tr>
<td>Medication use and functional recovery for those with musculoskeletal conditions</td>
<td>Dr Shannon Gray (<a href="mailto:Shannon.Gray@monash.edu">Shannon.Gray@monash.edu</a>)</td>
</tr>
<tr>
<td>Pathophysiology and mechanisms of diabetes and metabolic and reproductive disorders</td>
<td>Dr Aya Mousa (<a href="mailto:Aya.Mousa@monash.edu">Aya.Mousa@monash.edu</a>)</td>
</tr>
<tr>
<td>Interventions for the prevention and treatment of metabolic and reproductive disorders</td>
<td>Dr Aya Mousa (<a href="mailto:Aya.Mousa@monash.edu">Aya.Mousa@monash.edu</a>)</td>
</tr>
<tr>
<td>Biomarkers of metabolic and reproductive disorders</td>
<td>Dr Aya Mousa (<a href="mailto:Aya.Mousa@monash.edu">Aya.Mousa@monash.edu</a>)</td>
</tr>
<tr>
<td>COVID food, physical activity and mental health in women of reproductive age</td>
<td>Dr Siew Lim (<a href="mailto:Siew.Lim@monash.edu">Siew.Lim@monash.edu</a>)</td>
</tr>
<tr>
<td>Lifestyle intervention development for postpartum women with increased metabolic risks (interviews and focus groups)</td>
<td>Dr Siew Lim (<a href="mailto:Siew.Lim@monash.edu">Siew.Lim@monash.edu</a>)</td>
</tr>
<tr>
<td>Lifestyle intervention development for postpartum women with increased metabolic risks (survey)</td>
<td>Dr Siew Lim (<a href="mailto:Siew.Lim@monash.edu">Siew.Lim@monash.edu</a>)</td>
</tr>
<tr>
<td>Diet and physical activity in women with PCOS</td>
<td>Dr Siew Lim (<a href="mailto:Siew.Lim@monash.edu">Siew.Lim@monash.edu</a>)</td>
</tr>
<tr>
<td>Opioid use among professional drivers after work-related injury and disease</td>
<td>Dr Ting Xia (<a href="mailto:Ting.Xia@monash.edu">Ting.Xia@monash.edu</a>)</td>
</tr>
</tbody>
</table>
Clinical and Health data Outcomes Innovation and Research (CHOIR)

Monitoring variation in healthcare is known to support best practice and improve quality of care. However, challenges exist in developing and accessing appropriate data sets on which to undertake clinical quality benchmarking. Clinical registries are increasingly recognised as credible, effective and feasible tools to measure variation and drive quality improvement at the national and jurisdictional health system levels. We are Australia’s leader in clinical registry development and management, with over 30 clinical registries housed in our School. These registries collect an identical minimum data set from patients treated in multiple hospitals or clinics throughout the country. Consistency is ensured through the use of identical definitions and data collection procedures.

How do ambulance services manage paediatric pain?
Supervisor: Dr Kathryn Eastwood
Kathryn.Eastwood@monash.edu

Quality of life in patients with cystic fibrosis in Australia
Supervisor: Dr Rasa Ruseckaite
Rasa.Ruseckaite@monash.edu

Validation and testing of patient-reported outcome measures in patients with cystic fibrosis
Supervisor: Dr Rasa Ruseckaite
Rasa.Ruseckaite@monash.edu

Planetary Health

Planetary Health is emerging as a new discipline to understand and respond to intersecting crises affecting the globe. It is conceptualised as addressing the health of humanity in the context of dynamic social and environmental systems. By combining insights from many disciplines, planetary health promotes an ‘eco-social’ understanding of health and emphasises the importance of diverse perspectives in creating solutions to problems affecting global public health.

The Planetary Health Division houses our environmental and occupational health researchers, infectious disease epidemiologists and many of our global health researchers. They combine strong quantitative research experience and qualitative methods to capture the complete experience of health and healthcare across a number of community and workplace settings both nationally and internationally.

Machine learning method with remote sensing for air pollution estimation
Supervisor: Assoc Professor Yuming Guo
Yuming.Guo@monash.edu

Multi-country study on climate change, air pollution and human health
Supervisor: Assoc Professor Yuming Guo
Yuming.Guo@monash.edu

Exposure to smoke from landscape fires
Supervisor: Professor Michael Abramson
Michael.Abramson@monash.edu
Evidence Synthesis, Qualitative and Implementation Methods

This Division, new in 2021, provides a home for a number of researchers specialising in using evidence synthesis, qualitative methods and implementation science to understand the full lived experience of health system users and workers, maximise research value by synthesising existing literature, and drive translation of results.

They provide consultancy services around driving organisational change within health and social care systems and the implementation science methodology, including evaluations, to implement health and social care programs and interventions to improve public health outcomes.

- **Improving the quality and coverage of ante-natal care globally**
  Supervisor: Dr Joshua Vogel
  Joshua.Vogel@monash.edu

- **Systematic reviews and living guidelines for COVID-19**
  Supervisor: Dr Tari Turner
  Tari.Turner@monash.edu

- **Testing infographics to support evidence-based decision-making in maternal health**
  Supervisor: Dr Tari Turner
  Tari.Turner@monash.edu

- **Quality of maternal healthcare services**
  Supervisor: Dr Joshua Vogel
  Joshua.Vogel@monash.edu

- **Preterm birth**
  Supervisor: Dr Joshua Vogel
  Joshua.Vogel@monash.edu

- **Exploring maternal and neonatal health in the SEA-URCHIN data**
  Supervisor: Dr Tari Turner
  Tari.Turner@monash.edu

- **Improving the quality and coverage of intrapartum care globally**
  Supervisor: Dr Joshua Vogel
  Joshua.Vogel@monash.edu

- **Prevention and treatment of postpartum haemorrhage**
  Supervisor: Dr Joshua Vogel
  Joshua.Vogel@monash.edu

- **Systematic reviews and living guidelines for COVID-19**
  Supervisor: Dr Tari Turner
  Tari.Turner@monash.edu

Teaching and Learning

The Teaching and Learning Division specialises in using pedagogical evidence to inform – and transform – medical education and clinical practice. Our research spans all facets of medical education – from course development and learning methods to assessment, accreditation, training and evaluation.

- **Employability of health and biomedical science students**
  Supervisor: Ms Bethany Howard
  Bethany.Howard@monash.edu

- **Medical and health professions education**
  Supervisor: Professor Dragan Ilic
  Dragan.Ilic@monash.edu

- **Consumer understanding of terms used in diagnostic imaging reports requested for shoulder pain**
  Supervision: Ms Romi Haas
  Romi.Haas@monash.edu
Burnet Institute

The Burnet Institute combines medical research in the laboratory and at a population level with public health action and advocacy to address major health issues of disadvantaged populations in Australia and communities in the developing world. Three major health themes underpin the Burnet’s work: Infectious diseases, maternal and child health, and young people’s health.

**Taking a punt: Exploring gambling attitudes and behaviours among a sample of young Victorians**
Supervisor: Dr Rebecca Jenkinson
Email: rebeccaj@burnet.edu.au

**Using mathematical models to reduce malnutrition among children**
Supervisor: Dr Nick Scott
Email: nick.scott@burnet.edu.au

**Management of infectious disease outbreaks using agent-based models**
Supervisor: Dr Nick Scott
Email: nick.scott@burnet.edu.au

**Using simulation modelling to perform alcohol policy experiments**
Supervisors: Dr Nick Scott, Prof Paul Dietze
Email: nick.scott@burnet.edu.au

**The role of social influence in opiate substitution therapy**
Supervisors: Prof Margaret Hellard, Dr Rachel Sacks-Davis, Prof Paul Dietze
Email: peter.higgs@burnet.edu.au

**Exploring the similarities and differences of hepatitis C treatment and opiate substitution treatment therapy in people who inject drugs to inform increasing access HCV treatment in this population**
Supervisors: Dr Peter Higgs, Prof Paul Dietze
Email: peter.higgs@burnet.edu.au

**Understanding risky single occasion drinking and links to harms in a cohort of young Melburnians**
Supervisors: Prof Paul Dietze, Dr Cassandra Wright, Dr Megan Lim
Email: paul.dietze@burnet.edu.au

**The outcomes of transitioning between prison and community for people with a history of injecting drug use**
Supervisors: Prof Paul Dietze, Prof Mark Stooce
Email: paul.dietze@burnet.edu.au

**Mapping public injecting drug use in urban Melbourne**
Supervisors: Prof Paul Dietze, Prof Mark Stooce
Email: paul.dietze@burnet.edu.au

**Why do some people with hepatitis C continue to drink?**
Supervisors: Dr Peter Higgs, Prof Paul Dietze
Email: peter.higgs@burnet.edu.au

**Qualitative analysis of reasons for insufficient levels of individual needle and syringe coverage**
Supervisors: Dr Peter Higgs, Prof Paul Dietze
Email: peter.higgs@burnet.edu.au

**The persistence of risk among people who inject drugs**
Supervisors: Prof Paul Dietze, Prof Mark Stooce
Email: paul.dietze@burnet.edu.au

**Investigating the limitations associated with the snowball model “Bring your friends”/ “Treat your friends” in context of the TAP study**
Supervisor: Dr Peter Higgs
Email: peter.higgs@burnet.edu.au

**Assessing the quality of nutrition advice in popular social media trends**
Supervisors: Dr Cassandra Wright & Dr Megan Lim
Email: cassandra.wright@burnet.edu.au

**Sexting, porn, and Tinder: An investigation of education and health promotion**
Supervisors: Dr Cassandra Wright & Dr Megan Lim
Email: cassandra.wright@burnet.edu.au

**The Optimise Study – reducing the impact of COVID-19 on the community**
Supervisor: Professor Margaret Hellard
Email: margaret.hellard@monash.edu

**The role of social influence in opiate substitution therapy**
Supervisor: Professor Margaret Hellard
Email: margaret.hellard@monash.edu

**Coping with Covid19: Young people’s health and wellbeing**
Supervisor: Dr Megan Lim
Email: megan.lim@monash.edu

**Understanding methamphetamine use and related harms in metropolitan and regional Victoria**
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**Social networks of people who use drugs**
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