



South Eastern Sydney Research Collaboration Hub

Primary Health and Integrated Care

Research and Evaluation Profile

Summary of projects conducted and /or funded by Primary,
Integrated and Community Health Directorate Services

South Eastern Sydney Local Health District

2014-2016

August 2016

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Introduction

The South Eastern Sydney Research Collaboration Hub (SEaRCH) is a collaboration between the University of New South Wales (UNSW) Research Centre for Primary Health Care and Equity (CPHCE) and South Eastern Sydney Local Health District (SESLHD). Our mission is to support the goals of both organisations to achieve better and fairer health for the population of South Eastern Sydney through:

- Undertaking, promoting and supporting research and evaluation that strengthens primary health care and equity
- Supporting the implementation of research evidence into practice and policy
- Contributing to the development of primary health care in SESLHD.

The purpose of this profile is to describe the research and evaluation projects undertaken or funded by services that are part of the Primary and Integrated Health (PIH) Directorate, or the Directorate as a whole. These services include: Child, Youth, Women and Families (CYWF); the Drug and Alcohol Service (DAS); the Integrated Care Unit (ICU); Kirkeaton Road Centre (KRC); Multicultural Health Service (MHS) (which also funds research and evaluation projects undertaken by other services); and the Oral Health Service (OHS).

The profile seeks to summarise the range and focus of evaluation and research projects conducted in the last two years: 2014-2016. The project was restricted to projects which have/or will be submitted to an accredited ethics committee for approval and which have a primary care or integration focus. Some clinical trials have been included in this initial scope, but more complete information on clinical trials from DAS will be included in the next edition. A considerable amount of service redesign and quality improvement activities are also being undertaken in the Directorate. Given the range and complexity of these, they have not been included in this profile, but maybe a focus of a separate project in the future.

Methods

A project template was developed to collect information on each project. This information included: title, ethics committee and approval number, research team, aims/questions, summary of methods, timeframe where up to, funding, publications and conference presentations. A draft template was circulated to service directors/managers for review prior to finalisation. The template was emailed to each service director/manager for completion for each project, with a return date of 6 May 2016.

Analysis

A total of 38 completed project templates were returned. Two were excluded (one was a proposal, and funding was not yet secured; one was not being conducted/funded by a service of the PIH Directorate). Summary data for each of the 36 projects was entered into an excel spreadsheet for analysis. The project summaries were edited and compiled into a single reference document.

Acknowledgement

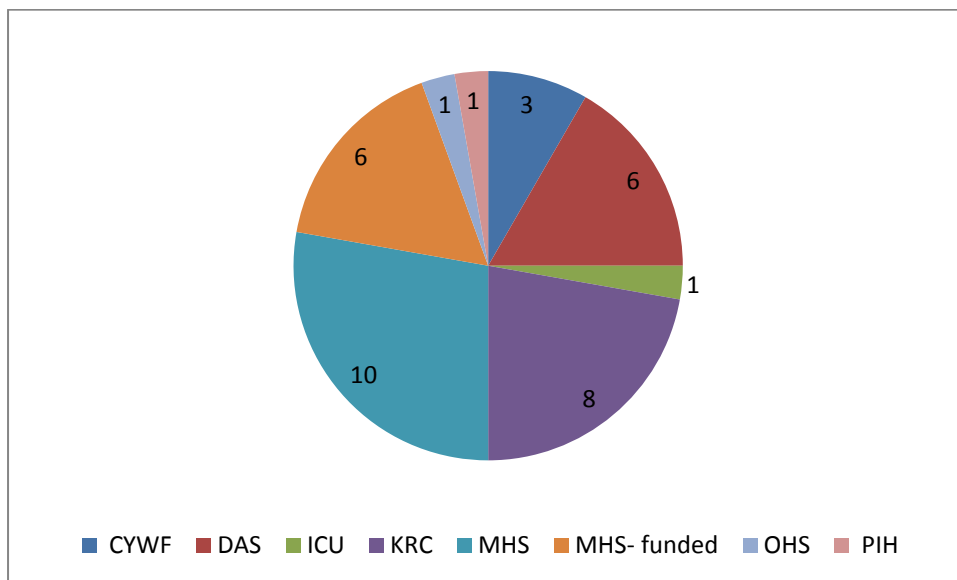
Thanks to the directors and managers of the services who supported this project and encouraged staff to complete the template. Particular thanks to Sarah Hutchinson (DAS), Karen Chronister (KRC) and Milica Mihajlovic (MHS).

For further information contact: Dr Julie McDonald; email: j.mcdonald@unsw.edu.au; ph: 9385 8412

Findings

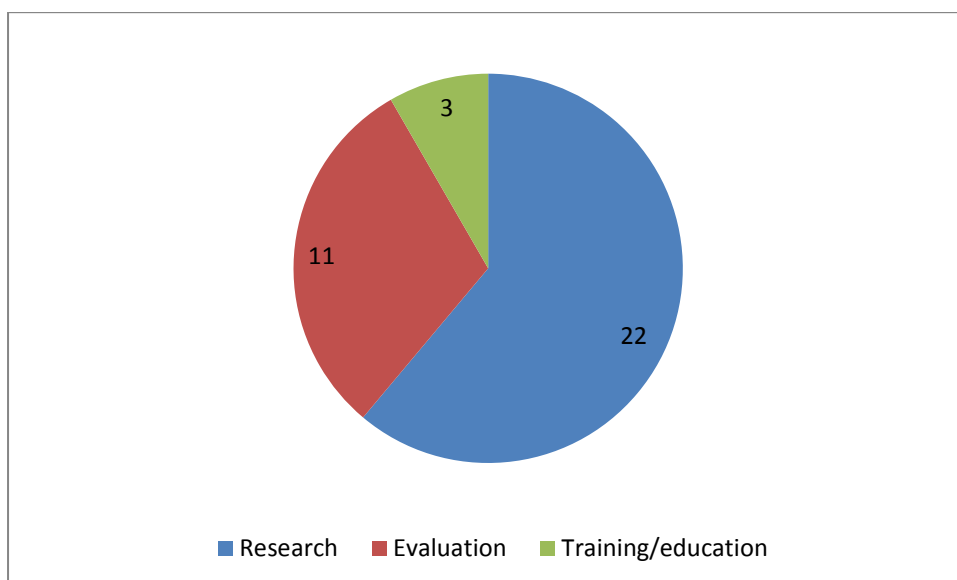
The following is a descriptive summary for the 36 projects included in this descriptive profile. Further information on each project is available.

Figure 1: Number of projects by service



In the time period 2014-2016, the MHS undertook the largest number of research/evaluation projects (28%), and together with KRC, the DAS, and projects funded by the MHS accounted for over 80% of projects. (See Appendix for table of summary project titles).

Figure 2: Focus of projects



Over 60% of projects had a research focus, with a further 30.5% an evaluation focus. Three of MHS-funded projects involved health workforce training/education. Several research projects (KRC) involved clinical trials. Clinical trials have also been undertaken by DAS, but information was not available for this profile.

Table 1: Range of projects

Range	No.	%
Prevention/early intervention	7	19.4
Treatment	11	30.6
Self-Management Support	1	2.8
Measurement tools	4	11.1
Other	13	36.1
TOTAL	36	100

These findings are indicative rather than definitive. Each project was allocated to one category; although it is recognised that some projects span more than one aspect.

30% of projects had a treatment/care focus and 20% were about prevention and/or early detection/intervention. The 13 projects categorised as other included health worker training or experiences, identifying access barriers, model of care development, Identification and description of physical and mental health and wellbeing of population subgroups, health and outcome profiles. The following illustrates the range of projects under each category:

Prevention/Early intervention

- ✓ Access to health home visiting services for new mothers experiencing intimate partner violence (*CYWF*)
- ✓ Exploration of the use of water pipe smoking in the Arabic speaking community (*MHS*)
- ✓ Early childhood development assessment and screening - everyone's business (*MHS-funded*)
- ✓ LiverLife - Healthy Liver Campaign (*KRC*)
- ✓ Impact of rapid expansion of pre-exposure prophylaxis (PrEP) in HIV incidence (*KRC – clinical trial*)

Treatment

- ✓ Evaluating a structured approach to benzodiazepine reduction (*DAS*)
- ✓ Evaluating a pilot shared care clinic between General Practice and the Langton Centre opioid treatment program (OTP) service (*DAS*)
- ✓ International multicentre trial of sofosbuvir and GS-5816 for people with chronic hepatitis C virus infection and recent injection drug use (*KRC-clinical trial*)
- ✓ Engaging people with advanced chronic kidney disease from Greek backgrounds in home dialysis (*MHS-Funded*)

Self-Management Support

- ✓ Using Patient Activation Measure in clinical practice to support patients with chronic conditions (*ICU*)

Measurement/tools

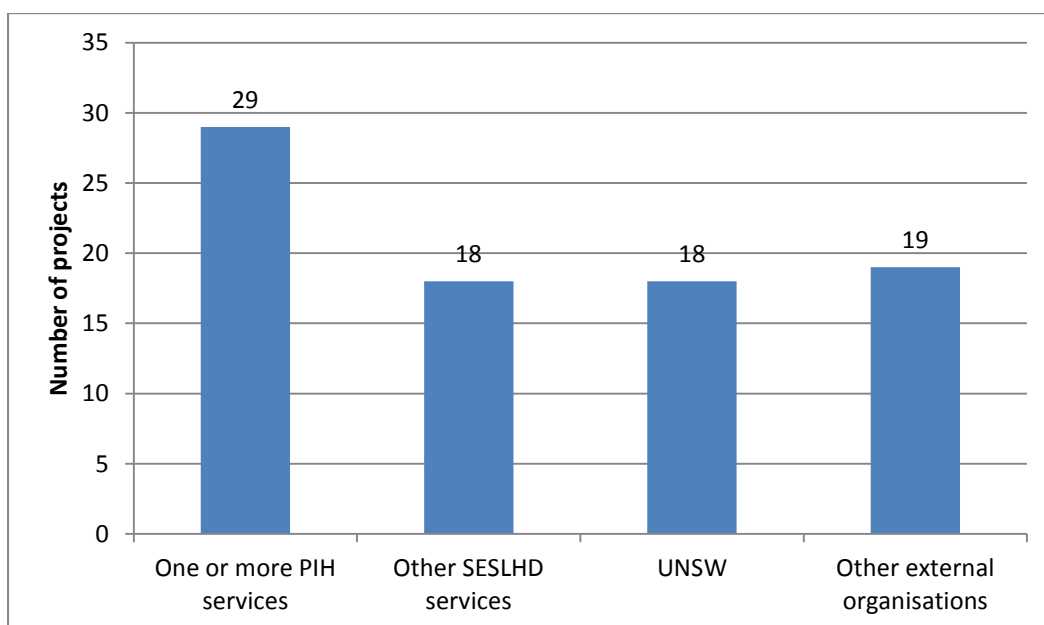
- ✓ Assessing the validity and Interrater reliability of the Client Complexity Rating scale (*DAS*)
- ✓ Development of a measure of cancer care coordination for migrant cancer patients undergoing treatment at SGH and POWH (*MHS-Funded*)

Table 2: Groups targeted in projects

Target groups	No.	%
Patients/clients	14	38.9
Population sub groups	19	52.8
Health related workforce	3	8.3
TOTAL	36	100

Just over half of all projects targeted specific population group cohorts including young people, refugee children, women, people from CALD backgrounds, and people living with HIV. Patient/client group were targeted in just under 40% of projects, mostly from SESLHD services, although some projects recruited patients from other services. Patient/client groups included mothers and babies and people with chronic conditions such HIV, chronic renal failure, cancer, drug and alcohol dependence, palliative care and non-specified. Health related workforce groups targeted included health care interpreters, doctors and nurses.

Figure 3: Research team members



The majority of projects involved specific service representatives from the PIH Directorate in the research teams, and half also involved members from other SESLHD services. UNSW, through its research centres and institutes, was involved in 50% of projects and other external organisations/groups were involved in just over two thirds of projects. These were predominantly a range of other universities, including University of Sydney, other LHDs, and community organisations/representatives.

Table 3: Funding

Service	SESLHD	External	Both	No dedicated	Total
Child, Youth, Women and Families	1	0	1	1	3
Drug and Alcohol Service	1	4	0	1	6
Integrated Care Unit	1	0	0	0	1
Kirketon Road Centre	1	7	0	0	8
Multicultural health	6	2	1	1	10
Multicultural health (funded)	6	0	0	0	6
Oral Health Service	1	0	0	0	1
Primary and Integrated Health	0	0	1	0	1
TOTAL	17	13	3	3	36

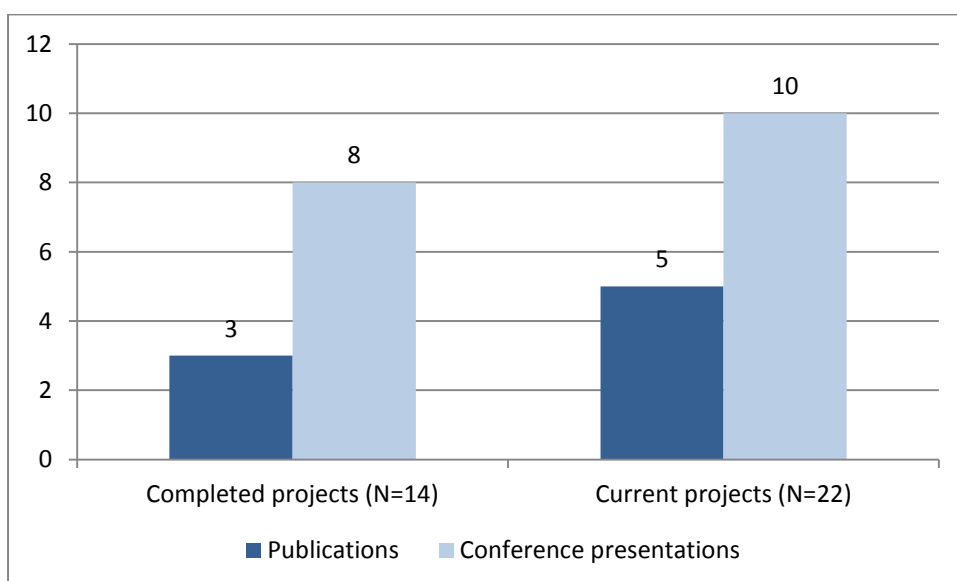
The total investment in research and evaluation activities was \$8,125,486. This included a mix of internal and external funding. SESLHD funding totalled \$1,170,608 and external funding totalled \$6,954,878. Several projects funded through external funding sources covered multiple research sites and teams outside SESLHD.

Just under half of the projects were funded solely through SESLHD and just over one third were solely funded from external sources. Three projects were funded by a mix of internal and external funding and a further three projects had no dedicated funding and were supported through in-kind resources.

External funding sources included:

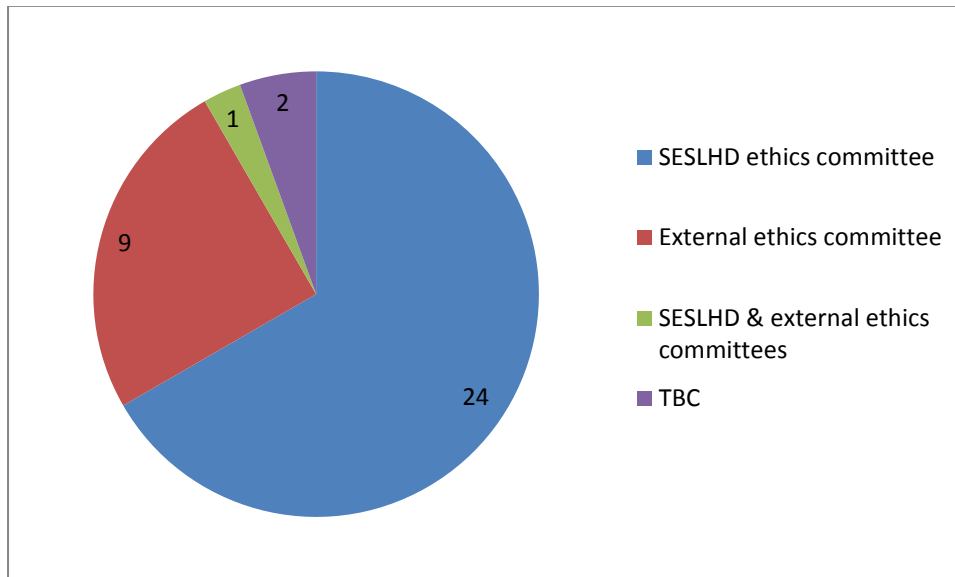
- ✓ Category one grants: one NHMRC grant (KRC- record linkage) and an ARC Linkage grant (MHS-cultural biographies);
- ✓ NSW Ministry of Health (two KRC projects, four DAS projects)
- ✓ Office of Kids and Families (one MHS project)
- ✓ Pharmaceutical industry grants (four KRC projects)
- ✓ Other LHDs and a foundation

Figure 4: Dissemination (publications and conference presentations)



Eight papers have been published for the same number of projects and a total of 24 conference presentations have presented on 18 projects. A further four papers and three conference presentations have either been submitted or are in draft form. Three completed projects have not disseminated the findings to a broader audience. Most services have also published and presented at conferences on other work not included in this profile.

Figure 5: Ethics Committees



The majority of projects submitted their ethics applications through SESLHD Human Research ethics Committees. A further nine projects were submitted to external ethics committees.

Appendix

Summary of projects by each service

Service	Brief title of project	Prev/Early int	Treatment	SMS	Instrument	Other
CYWF	Access to health home visiting services for new mothers experiencing intimate partner violence	✓				
CYWF	Maternal and infant health outcomes for vulnerable population groups					✓
CYWF	Universal access, assessment and intervention in community child and family health services	✓				
DAS	Assessing the validity and interrater reliability of the Client Complexity Rating scale				✓	
DAS	Establishing the psychometric properties and developing a composite indicator for the COQI Framework				✓	
DAS	Evaluating a pilot shared care clinic between General Practice and the Langton Centre OTP service		✓			
DAS	Evaluating a structured approach to benzodiazepine reduction (BURP-E)		✓			
DAS	Evaluating the Integrated Management Pathways for alcohol and drug Clients into Treatment (IMPACT)		✓			
DAS	Risk factors for cognitive impairment in Drug and Alcohol Clients				✓	
IC	Using Patient Activation Measure in clinical practice to support patients with chronic conditions			✓		
KRC	Control and Eradication of Hepatitis C from people living with HIV (CEASE-D)		✓			
KRC	Evaluation of a pilot opioid overdose prevention and management intervention		✓			
KRC	Evaluation of a pilot project: Expanded Access to Treatment for Hepatitis C Virus		✓			
KRC	Health outcomes and service use in a cohort (IDU, sex workers, 'at risk' young people (data linkage)		✓			
KRC	Impact of the rapid expansion of pre-exposure prophylaxis (PrEP) on HIV incidence	✓				
KRC	International multicentre drug trial for people with chronic hep C virus infection and recent injection drug use		✓			
KRC	LiverLife (formerly Healthy Liver Campaign)	✓				
KRC	Rapid HIV testing in men who have sex with men in sexual health clinics in Sydney (Rapid HIV test study)	✓				
MHS	Access 3: Access to health care and health system navigation for young people in New South Wales					✓
MHS	Attitudes and experience of menopause amongst Macedonian women living in SES and Illawarra areas					✓
MHS	Cultural biographies, medical knowledges: A sociological study at the intersections of cancer and culture					✓

Research and Evaluation Profile 2014-2016: Primary, Integrated & Community Health Services, SESLHD

Service	Brief title of project	Prev/Early Int	Treatment	SMS	Instrument	Other
MHS	Exploration of the use of water pipe in the Arabic speaking community in the St George area	✓				
MHS	Experiences of overseas and locally trained staff working in a culturally diverse environment					✓
MHS	Longitudinal study of the health and wellbeing of refugee children					✓
MHS	Measuring acculturation and psychological health of senior Indian women living in Australia					✓
MHS	Optimising health and learning in newly arrived refugee and vulnerable migrant young people					✓
MHS	Phase 1: Evaluating the acceptability and clinical utility of the Arabic language Mindfulness CD		✓			
MHS	Phase 2: Evaluation of the acceptability and clinical utility of the Arabic language Mindfulness Program in a group setting		✓			
MHS-F	Development of a measure of cancer care coordination for migrant cancer patients undergoing treatment				✓	
MHS-F	Early childhood development assessment and screening - everyone's business	✓				
MHS-F	Engaging people with advanced chronic kidney disease from Greek backgrounds in home dialysis therapies		✓			
MHS-F	Identifying barriers to access to palliative care services at Calvary Health Care Kogarah by CALD communities					✓
MHS-F	Interpreting the language of Aphasia- a training package for interpreters					✓
MHS-F	Joint Simulation Training for Interpreters and Paediatric Medical Officers					✓
OHS	Exploratory study on patterns of utilisation of oral health services					✓
PIH	45 and Up Primary and Community Health Cohort Study (data linkage)					✓