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Models of Child Health Appraised

(A Study of Primary Healthcare in 30 European countries)

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Welcome

MOCHA has had a very busy and productive 2017 so far. As Spring gets underway in Europe, we are starting to interpret the data that we gathered in 2015 and 2016. One of our first tasks is to refine our conceptual framework of analysis, which will lead us into our final conclusions at the end of 2018.

Our work packages are increasingly working together as our research strands begin to synergise. The first few months of this year has seen a number of working meetings and teleconferences to facilitate this; we are also working towards the dissemination of our first results.



New team members, congratulations and an adieu!

We have also welcomed some new researchers to the MOCHA team in Trinity College Dublin – Keishia Taylor and Rebecca McHugh. Keishia Taylor will be working with Professor Maria Brenner and Dr Stine Lundstroem on the experience of young people with complex mental health conditions and how they interface with primary care services in Europe. Rebecca McHugh will be working with Dr Austin Warters on the interface between social care and primary care for individuals with complex care needs. We wish both researchers a rewarding experience on the MOCHA project.

Many congratulations to Dr Elena Montanana Olaso, MOCHA researcher on Nursing and skills at Trinity College Dublin, for being awarded her PhD on 28th March.

We would also like to wish the best of luck to our researcher in Electronic Health Records, Dr Grit Kühne, Imperial College London, who starts her maternity leave in April.

MOCHA 18-Month report



In January we submitted our 18-Month report to the European Commission. This task is an essential requirement of our funding. It is also a valuable exercise in cataloguing the activities of our different project work streams. We have used this to strengthen our inter-

MOCHA Partners

Imperial College of Science,
Technology and Medicine,
London UK

Consiglio Nazionale Delle
Ricerche, Italy

European University of Cyprus,
Cyprus

Haskoli Islands, Iceland

Karolinska Institutet, Sweden

King's College London, UK

Syddansk Universitet, Denmark

TNO The Netherlands Organisation
for Applied Scientific Research

Trinity College Dublin, Ireland

UiT The Arctic University of
Norway

Universiteit Maastricht,
Netherlands

Universiteit Twente, Netherlands

University College Dublin,
Ireland

University Medical Center
Groningen, Netherlands

University of Keele, UK

University of Surrey, UK

Uniwersytet Medyczny w Lublinie,
Poland

Boston Children's Hospital, United
States

Hospices Cantonaux, Switzerland

Murdoch Children's Research
Institute, Australia

project working, and have come up with several collaborative team research interests as a result. A summary of the report can be found on the MOCHA project website.

<http://www.childhealthservicemodels.eu/publications/technical-reports/>.

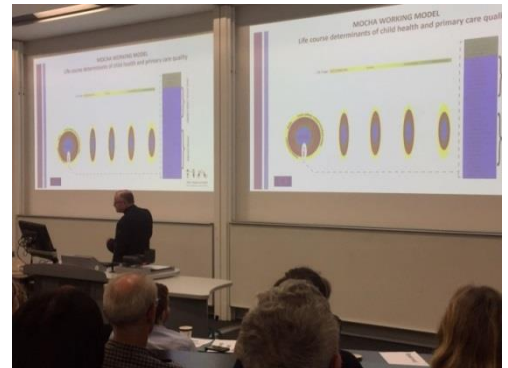
Professor Mitch Blair

On March 8th 2017, our principal investigator, Professor Mitch Blair gave his inaugural lecture as the first Professor of Paediatrics and Child Public Health in the United Kingdom.

Professor Blair was awarded the chair by Imperial College London in 2016, in recognition of his many years of work and numerous achievements in paediatrics and public health. He has made a huge difference to children's lives in the United Kingdom and in Europe. The inaugural lecture outlined the many projects that Professor Blair has been a part of, and included an outline of the achievements of the MOCHA project. The lecture is available online

<https://www.youtube.com/watch?v=F2VnfByLkYM&feature=youtu.be>.

Everyone at MOCHA sends warm congratulations to Mitch on this fantastic achievement.



Arctic Light E-Health Conference

Professor Michael Rigby attended the ALEC Arctic Light E-Health Conference on 1-2 February, in Lulea, northern Sweden. The event allowed Professor Rigby to present the findings and discussions from MOCHA WP8 into electronic records to an audience of politicians, policy makers, researchers and the e-health sector. The MOCHA project was well received, and provided us with many new stakeholders and new ideas for taking the WP8 Electronic Health Records work stream forward.

DIPEX International Meeting

The DIPEX team (www.dipexinternational.org) undertake valuable interviews of children and young people as part of the MOCHA project. These interviews provide valuable insight into primary care services from the people who are central to the project – the children, young people and families who use primary care services. We are well aware that the optimum models proposed by health professionals and workers, may not seem 'optimum' to those who use them, and these views must be taken into account. The DIPEX team met in London on 13th and 14th March. This was a first opportunity for the different countries' data to be discussed and initial emerging themes to be identified. This rewarding meeting has begun the process of the final DIPEX patient experience report, which is due in August 2017.

MOCHA Work Packages

1: Identification of Models of Children's Primary Health Care. Lead: Prof Mitch Blair

2: Safe and efficient interfaces of models of primary health care with secondary, social and complex care. Lead: Prof Maria Brenner

3: Effective models of school health services and adolescent health services. Lead: Prof Danielle Jansen

4: Identification and application of innovative measures of quality and outcome of models. Lead: Dr Nadia Minicuci

5: Identification and use of derivatives of large data sets and systems to measure quality. Lead: Prof Simon de Lusignan

6: Economic and skill set evaluation and analysis of models. Lead: Prof Heather Gage

7: Ensuring equity for all children in all models. Lead: Prof Anders Hjern

8: Use of electronic records to enable safe and efficient models. Lead: Prof Michael Rigby

9: Validated optimal models of children's prevention-orientated primary health care. Lead: Dr Paul Kocken

10: Dissemination. Lead: Prof Michael Rigby

11: Project Management. Lead: Prof Mitch Blair

Deliverables

Work Package 1 is coming to the end of its principal activities, and will now begin to focus on assisting WP9 in its focus on producing evidence-based optimum models and a toolkit for improving primary care across Europe. WP1 produced a major Deliverable to the Commission at the end of February. Entitled *Final Report on Current Models of Primary Care for Children, including sections on Context, Operation, and Effects*. It outlines the elements of WP1's focus so far, including a literature review and systematic review on current models of primary care for children, the progress in obtaining the views of children and young people about the primary care health service, the role of data and the influences of cultural context, penalties and incentives and governance on policy development in primary care. The Deliverable can be found on our project website www.childhealthservicemodels.eu/publications/deliverables.

Work Package 5 completed our 6th project milestone at the end of February with a report into the *Quality Measures and Data Sources Workshop*. This summarised the work carried out within the project so far to accurately identify and describe the data needed for appraising quality of care, and how to identify and approach relevant data custodians in order to access the data required.



External Advisory Board meeting



On March 21st and 22nd, the MOCHA work package leaders, and key research workers met in Malta to discuss progress, emerging ideas and scientific rigour with members of the MOCHA External Advisory Board. This was an extremely busy but productive meeting that took place during two long days. We did not see much of Malta, but we held many rewarding

discussions of our key findings and themes. The External Advisory Board members, chaired by Dr Johan Hansen, provided extremely valuable feedback on the direction of the project, our work carried out so far and on dissemination of the MOCHA messages. The varied skills and extensive knowledge of the External Advisory Board is welcomed by the research teams in MOCHA as they provide an important external viewpoint to the research that we are very close to. We also have a number of exciting new directions and inquiries to explore as a result of the meeting.

The next phase of the project will involve a great deal of co-working between the different work packages. The Work Package Leaders took the opportunity of this face-to-face meeting to hold lengthy



discussions between themselves about the increasing synergy of the research streams and how best to facilitate this. Many new joint-working groups were established to help us as we move from data gathering into analysis of results that will inform the production of optimal models in the final year of the project.

Malta Association of Public Health Medicine

This year, Malta holds the Presidency of the European Union. One of the focuses of the country during this time is that of Childhood Obesity. This is an important public health challenge in Europe, and one that Malta takes seriously.

Three members of MOCHA were invited to speak at an event hosted by the Malta Association of Public Health Medicine. Dr Denise Alexander, the MOCHA research coordinator, presented her work on The Measurement of Behavioural Determinants of Obesity, Professor Michael Rigby, the Deputy PI of MOCHA moved to outline an overview of the EU initiatives to combat childhood obesity, and Professor Mitch Blair MOCHA PI discussed the Pathways to Prevention in Practice work that contributes to preventing childhood obesity in the United Kingdom. The event was extremely well attended, and interesting and insightful discussions arose from the contributors and the audience members.



Forthcoming events

The MOCHA team have been invited to present work at a number of conferences in 2017:

- [Medical Informatics Europe / Informatics for Health](#), Manchester, April 2017. Professor Michael Rigby and Dr Grit Kühne have two papers accepted: *Why are children's interests invisible in European national E-health strategies?* and *Towards Safe and Efficient Child Primary Care – Gaps in the use of unique identifiers in Europe*. Dr Daniela Luzi and team in Rome will present on *Appraising healthcare delivery provision: a framework to model business processes*, in which they will demonstrate MOCHA's use of UML modelling of the functions of child primary care.
- [International Conference on Integrated Care](#), Dublin, May 2017. A MOCHA workshop will take place on the consideration of the *Integration of health and social care for children with complex health conditions, an assessment of the policy and organisational context*. The workshop will be led by Dr Austin Warters from Trinity College Dublin, who leads on the interface with social care work in the MOCHA project.
- [European Health Management Association Conference](#), Milan, June 2017. We have had all three papers submitted to this conference accepted for presentation. Topics covered will be Child Migrant Health Policy, E-Health Policy for Children, and Measurement of the Strength of Children's Primary Care
- [The European Forum for Primary Care Conference](#), Porto, September 2017. Professor Mitch Blair will lead a MOCHA

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workshop at this conference,

- [The International Society for Quality and Safety in Healthcare \(ISQua\)](#), London, October 2017. The DIPEX team of MOCHA will present a session on the lessons learned about primary care from their interviews with children and young people as part of the MOCHA project.

Further details about these events can be found on the MOCHA website <http://www.childhealthservicemodels.eu/event-listings/conferences/>