THE 4TH ANNUAL

INTERNATIONAL SYMPOSIUM ON ADVANCING THE SCIENCE AND IMPACT OF AUDIT & FEEDBACK

SCIENCE DAY

May 24, 2019

Mercure Hotel Amsterdam City

Joan Muyskenweg 10, 1096 CJ

Amsterdam, Netherlands

SCIENCE DAY AGENDA

MAY 24, 2019

8:15 — 8:45 **REGISTRATION**
Light refreshments will be served

8:45 — 9:00 **WELCOME & INTRODUCTIONS**

9:00 — 10:30 **PLENARY 1: UPDATES FROM THE METALAB**

MetaLab Update
- Jeremy Grimshaw

Audit & Feedback Review
- Noah Ivers

The AFFINITIE Study
- Simon Stanworth, Suzanne Hartley & John Grant-Casey

10:30 — 11:00 **REFRESHMENT BREAK**

11:00 — 12:30 **PLENARY 2: PROCESS EVALUATIONS**

Designing process evaluations of audit and feedback interventions
- Laura Desveaux & Nicola McCleary

Campaign to reduce opioid prescribing process evaluation
- Sarah Alderson

12:30 — 13:15 **LUNCH BREAK**

13:15 — 14:45 **PARALLEL SESSION**

WORK IN PROGRESS

Toward a standard model of feedback report and dashboard content
- Zach Landis-Lewis

Theoretical propositions related to audit with feedback interventions
- Anne Sales

Economic value of clinical decision support allied to direct data feedback to clinicians: blood usage in haematology
- Nicholas Swart

EARLY CAREER RESEARCHERS & TRAINEES

Co-design of audit and feedback and organisational use of audit and feedback
- Eilidh Duncan

Describing and enhancing audit and feedback in hospital dementia care
- Michael Sykes

Testing email content to encourage physicians to access an audit and feedback tool: a factorial randomized experiment
- Gratianne Vaisson

14:45 — 15:15 **REFRESHMENT BREAK**

15:15 — 16:15 **PLENARY 3: EMBEDDING RESEARCH IN SERVICE SETTINGS**

Commissioner and researcher perspectives on embedding research within national audit programmes
- Robbie Foy & Mirek Skrypak

16:15 — 16:30 **REFLECTIONS & CLOSING REMARKS**
Jeremy Grimshaw

SPEAKER BIOGRAPHIES

- IN ALPHABETICAL ORDER -

SARAH ALDERSON

Dr Sarah Alderson is a NIHR Clinical Lecturer in primary care at the University of Leeds and general practitioner. She leads the Campaign to Reduce Opioid Prescribing, a UK regional primary care A&F intervention that was successful in reversing the rising trend of opioid prescribing in the UK. Her research interests include harnessing routine primary care data in interventions to change professional behaviour (typically feedback) and evaluations, and the potential of 'implementation laboratories' to advance science and population impact.

LAURA DESVEAUX

Laura is an implementation scientist and physiotherapist. Her work focuses on policy-oriented evaluations of complex health interventions with the goal of understanding and optimizing delivery and system-wide scale-up. Specifically, Laura's work seeks to understand the process, mechanism(s) of change, and contextual factors that characterize an intervention and its interaction with the health system, instead of simply evaluating whether the intervention worked 'in general'. She is particularly interested in how physicians process and interpret data, their beliefs about feedback, and the influence of team culture on data-driven quality improvement.

EILIDH DUNCAN

Eilidh Duncan is a Research Fellow and Health Psychologist who has worked within the Health Services Research Unit since 2009. Her research interests include i) the translation of research evidence into routine clinical practice; ii) the design and evaluation of interventions to change behaviour; and iii) the application of behavioural theory to trial recruitment and retention. She is currently undertaking a postdoctoral fellowship awarded by THIS Institute; 'improving healthcare through advancing the evolution of audit and feedback'.

ROBBIE FOY

Robbie is Professor of Primary Care at the Leeds Institute of Health Sciences and a general practitioner in Leeds. His field of work, implementation research, aims to inform policy decisions about how best to use resources to improve the uptake of research findings by evaluating approaches to change professional and organisational behaviour. He was formerly a Clinical Senior Lecturer (Newcastle University) and an MRC Training Fellow in health services research (Universities of Edinburgh and Aberdeen). He also trained as a public health physician. He was a 2006—7 Harkness/Health Foundation Fellow in Health Care Policy, based jointly between the Veteran's Administration and RAND in Los Angeles. He was Deputy Editor-in-Chief of the open access journal, Implementation Science, until 2015.

JOHN GRANT-CASEY

John Grant-Casey is currently the Programme Manager for the National Comparative Audit of Blood Transfusion, a series of clinical audits of blood transfusion that gathers data on practice in all UK hospitals, in 7 European countries and in 8 hospitals in New Zealand. Since 2013, John has been the audit facilitator for the AFFINITIE programme. This is a Randomised Controlled Trial receiving £2m of funding from the UK National Institute for Health Research. It is the first ever cluster RCT looking at the effectiveness of clinical audit and its ability to improve the uptake of evidence-based medicine. His role was principally to design the audits used to collect data, manage the whole audit process and to assist in the evaluation of the data and the production of reports.

JEREMY GRIMSHAW

Dr Jeremy Grimshaw received a MBChB (MD equivalent) from the University of Edinburgh, UK. He trained as a family physician prior to undertaking a PhD in health services research at the University of Aberdeen. His research focuses on the evaluation of interventions to disseminate and implement evidence-based practice. Dr. Grimshaw is a Senior Scientist, Clinical Epidemiology Program, Ottawa Hospital Research Institute, a Full Professor in the Department of Medicine, University of Ottawa and a Tier 1 Canada Research Chair in Health Knowledge Transfer and Uptake. He is a Fellow of the Canadian Academy of Health Sciences and a Corresponding Fellow of the Royal College of Edinburgh. He has been awarded the CIHR Knowledge Translation award twice and is the 2018 CIHR Barer-Flood career achievement award for Health Services and Policy Research.

SUZANNE HARTLEY

Suzanne is Head of Trial Management for the Complex Intervention Division at the Clinical Trials Research Unit (CTRU), University of Leeds. Suzanne joined the CTRU in 2006 and is responsible for the leadership of the trial and data management within the Complex Intervention Division which encompasses national patient recruitment and spans feasibility/pilot studies and phase III clinical trials. She has experience across a variety of disease areas, research settings and intervention types.
Suzanne obtained her MSc in Health Science from the University of York (2002) and worked as a systematic reviewer before joining the University of Leeds.

NOAH IVERS

Noah Ivers (MD, PhD) is a scientist at WCRI and adjunct scientist at ICES. He is also a family physician at Women's College Hospital (WCH) and an Assistant Professor in the Department of Family and Community Medicine and at the Institute for Health Policy, Management and Evaluation at the University of Toronto. Noah's research focuses on the use of data to drive decision making in healthcare and draws on a foundation in clinical epidemiology and health services research. He's also received the Rising Star Award from the Canadian Institutes of Health Research-Institute of Health Sciences and Policy Research (CIHR-IHSPR) in 2013. He has also received New Investigator Awards from CIHR and a Clinician Scientist award from the Department of Family and Community Medicine at the University of Toronto.

ZACH LANDIS-LEWIS

Zach Landis-Lewis is an Assistant Professor of Learning Health Sciences in the Division of Learning and Knowledge Systems at the University of Michigan. He is developing computable models within a system to support automated tailoring of clinical performance feedback for healthcare professionals and teams, in both high- and low-resource contexts. He teaches a course on knowledge representation and knowledge management in health to graduate students. His research incorporates a global health focus, addressing the modeling of clinical practice guidelines in low-income countries for the purpose of developing automated performance feedback to improve learning in health care. He received a PhD in Biomedical Informatics and a Master of Library and Information Science from the University of Pittsburgh.

NICOLA MCCLEARY

Nicola has expertise in Health Psychology, Health Services Research, Implementation Science, and Evidence Synthesis. She completed her PhD at the University of Aberdeen in Scotland, was a Postdoctoral Fellow at the University of Edinburgh in Scotland, and is now a Postdoctoral Fellow at the Ottawa Hospital Research Institute in Canada. Her current research involves using behavioural approaches to i) understand barriers and enablers to healthcare provider behaviour change, and ii) investigate the mechanisms of action underlying behaviour change interventions. She has experience in conducting process evaluations alongside trials to understand implementation and mechanisms of impact of audit and feedback interventions. She is particularly interested in the application of dual process models to understand the influence of automaticity, habit, and routines on the provision of healthcare.

ANNE SALES

Dr. Sales is a Professor in the Department of Learning Health Sciences, School of Medicine, University of Michigan, and Research Scientist at the Center for Clinical Management Research at the VA Ann Arbor Healthcare System. Her training is in sociology, health economics, econometrics, and general health services research. Her current work involves theory-based design of implementation interventions including understanding how feedback reports affect provider behavior, and through behavior change, have an impact on patient outcomes, and the role of social networks in uptake of evidence based practices and implementation interventions. She also leads a Partnered Evaluation Initiative funded by the VA Office of Nursing Services, evaluating the implementation and effectiveness of VA national nursing initiatives. She is co-Editor-in-Chief of Implementation Science and Associate Chair of the Department of Learning Health Sciences for Educational Programs and Health System Innovation.

MIREK SKRYPAK

Mirek is currently an Associate Director for Quality and Development at HQIP where he leads a portfolio of national projects from the National Clinical Audit and Patient Outcomes Programme. Previously he has led patient safety, cardiovascular disease prevention and stroke improvement programmes at Academic Health Science Network and Stroke Network organisations. His professional background is as an occupational therapist with clinical rehabilitation and management experience, having worked across hospital and community stroke, neurology and elderly settings in Australia and England. He still works as an occupational therapist during weekends at the Royal Free London medical admissions unit and A&E. His interests are in quality improvement, involving patients in service redesign, and leadership of teams in healthcare particularly the application of learning from elite sporting teams and athletes.

SIMON STANWORTH

Dr. Simon Stanworth is a Consultant Haematologist for NHSBT at the John Radcliffe Hospital (Oxford University Hospitals Foundation Trust), and honorary senior clinical lecturer at the University of Oxford. He has over 15 years of clinical research experience since gaining his PhD in 1995 from the University of Oxford. His research is centred on clinical indications of blood transfusion components, through systematic reviews and clinical studies/trials. Highlights have included several international randomised trials published in NEJM. He has published extensively, having over 150 peer-reviewed research articles, with an h-index 48; more recently he has been involved with 5 national guidelines. He is secretary of the South Central Regional Transfusion Committee. Dr. Stanworth is a current scientific member of the BEST Collaborative from 2007.

NICHOLAS SWART

Nicholas is a Research Associate at the Department of Applied Health Research at University College London (UCL). He has an MSc in Health Economics and Public Health from the London School of Hygiene and Tropical Medicine. Before joining UCL he worked as a Research Assistant for the Centre for Lifespan and Chronic Illness Research at the University of Hertfordshire. His research interests include economic evaluation of health services and of health care interventions, with a particular interest in the economics of audit and feedback programmes as this is the subject of his PhD. He has expertise in health economic evaluation of complex interventions and screening trials, and has been involved in conducting economic evaluations on UK-wide interventions as well as relatively small scale interventions and service evaluations at local levels.

MICHAEL SYKES

Michael Sykes is a nurse and the quality improvement lead for the UK National diabetes audit. He has previous experience of leading improvements in care at provider and national levels in England and Scotland. His research focusses on interventions to improve care. He currently has an NIHR doctoral research fellowship to describe and enhance audit and feedback in the acute hospital care of people with dementia.

GRATIANNE VAISSON

Gratianne Vaisson is currently a PhD Student in Epidemiology at Laval University, Québec, Canada under the supervision of Dr Holly Witteman and Dr Noah Ivers. She is currently interested in the use of user-centered design in the development and evaluation of tools used in health services. More specifically, her interests include describing the nature of patient and physician involvement in the development of patients decision aids, as well as value clarification methods used in patients decision aids to help patients elicit their preferences and take an informed value-congruent medical decision. She is also interested in studying factors that influence access by primary care physicians in Ontario to their audit and feedback reports in order to improve the implementation of breast, cervical and colorectal cancer screening guidelines in primary care.