



University  
of Glasgow

School of Health  
& Wellbeing

# HEHTA Newsletter

Autumn/Winter 2023



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## Welcome

Welcome to HEHTA's Autumn Winter newsletter. We have had a very productive few months including three PhD Graduations – congratulations to Ryan F, Nurnabi and Lisong. We have enjoyed participating in lots of community events here at our new building on Byres Road including HEHTA's film showing of 'The Price of Life' by Adam Wishart. HEHTA had strong representation at the largest ever ISPOR conference in Denmark, Copenhagen, mid-November. We are delighted to have some new PhD students joining HEHTA and wish a warm welcome to Luxzup,

Novatus and Zihao. In November we were thrilled to host the 10-year celebration of our Glasgow health Economics Seminar Series (GhESS) with a fascinating presentation by Prof John Cairns of the London School of Hygiene and Tropical Medicine. 2023 saw the team move into our new Clarice Pears building, we have settled in very nicely and are enjoying finally being together with all of our School of Health and Wellbeing colleagues.

HEHTA wish all our colleagues a very happy, healthy and productive 2024 !

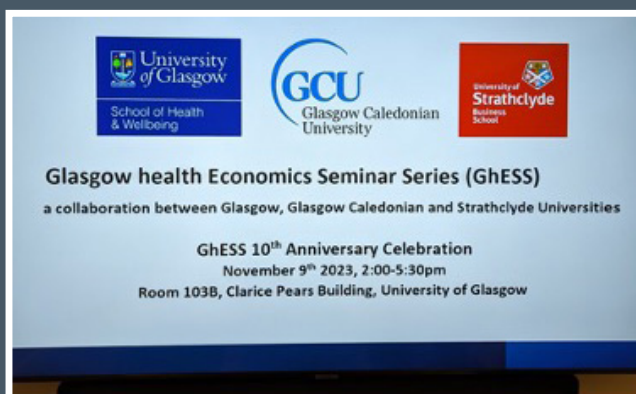


Professor  
Emma McIntosh

## GhESS 10th Anniversary Event

On 9 November, HEHTA was delighted to host the 10th anniversary of the Glasgow Health Economics Seminar Series (GhESS). Guests were welcomed from the University of Strathclyde and Glasgow Caledonian University (GCU), as well as the University of Edinburgh, Scottish Medicines Consortium, and economists from the Health and Social Care department in the Scottish Government.

The event began with a brief reflection on the seminar series over the past decade from Emma McIntosh. Melissa Pegg, a senior research consultant at the York Health Economics Consortium, and former MSc HTA student, then discussed methods of assessing environmental sustainability in HTA. There were also presentations from three PhD students across the three partner universities: Mhairi Webster (GCU), Eunice Adwubi (University of Strathclyde) and Tzu Jung Lai.



Finally, Professor John Cairns from the London School of Hygiene and Tropical Medicine delivered a keynote seminar on the use of quantitative decision modifiers in NICE technology appraisals. It was a fantastic afternoon with diverse, interesting talks showcasing the excellent work being conducted in Glasgow and further afield. The GhESS team look forward to the next ten years after a successful decade of collaboration!

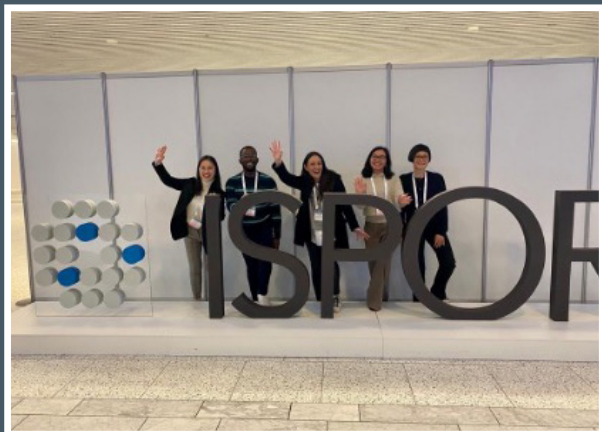
## Contact us

More information about HEHTA, all our CPD courses and our online MSc is available by contacting our administrators at [shw-hehta@glasgow.ac.uk](mailto:shw-hehta@glasgow.ac.uk) or on our website



# CONFERENCES

## HEHTA ISPOR 2023



HEHTA had strong representation at the largest ever ISPOR conference in Denmark, Copenhagen, mid-November. Samuel Owusu Achiaw, Septiara Putri, Tzu Jung Lai, Olivia Wu, Andrew Davies, Neil Hawkins and Shelagh Szabo were all in attendance and engaged in a range of presentations and panel discussions.

## ISPID Conference 2023

Kathleen Boyd and Nicola McMeekin attend the International Society for the Study and Prevention of Perinatal and Infant Death (ISPID) conference in Florence, Italy from 6-8 October.

They presented research on (i) incentivising smoking cessation in pregnancy & (ii) Health Economics of Sudden Unexpected Infant Death.



## GIN Conference 2023

GUIDELINES  
INTERNATIONAL NETWORK CONFERENCE 2023  
GLASGOW  
#GIN2023



NISHANT JASIWAL  
RESEARCH ASSOCIATE



DIKSHYANTA RANA  
RESEARCH ASSOCIATE



HANIN FARHANA BINTI  
KAMARUZAMAN  
PHD STUDENT

The team finished a busy summer of conferences with the Guidelines International Network (GIN) conference held Glasgow, 15-22 September.



Olivia Wu moderated a well-received panel while Dikshyanta Rana, Nishant Jaiswal and Hanin Farhana Bintu Kamaruzaman presented short orals.

## NCD Conference 2023

Several team members from the National Institute for Health and Care Research (NIHR) Global Health Research Group (GHRG) on arthritis presented research findings at the 5th Non-Communicable Diseases (NCD) Conference 2023 held from 1-3 Nov in Dar es Salaam, Tanzania. Nateiya Yongolo, Sanjura Biswaro, Baraka Moshi and Blandina Mmbaga from partner institution Kilimanjaro Clinical Research Institute (KCRI) attended in person while Stefanie Krauth made a presentation remotely.

Additionally, the arthritis team has submitted a new £3 million NIHR GHRG grant application to bring in new partners from Ghana to transform musculoskeletal health in Africa through culturally informed, interdisciplinary research.



# TIMELINE OF EVENTS

## 5 September

Visiting researcher Hye-In Jung returns to South Korea.

## 16 September

HEHTA staff volunteer at Glasgow Open Doors Day.

## 19-22 September

The team takes part in the Guidelines International Conference 2023 in Glasgow.

## 19 September

Jim Lewsey and colleagues attend the PHaCT project meeting in Cardiff.

## 6 October

Lili Wei successfully defends her thesis and celebrates with the team.

Kathleen Boyd and Nicola McMeekin attend the International Society for the Study and Prevention of Perinatal and Infant Death (ISPID) conference in Florence, Italy.

## 16 October

New PhD students Luxzup Wattanasukchai, Novatus Apolinary Tesha and Zihao Zhai join the team.

## 7 November

Visiting PhD student, Professor Tanawan Kongmalai, joins HEHTA as a visiting researcher until December.

## 9 November

HEHTA hosts the Glasgow Health Economics Seminar Series (GhESS) 10th anniversary event at Clarie Pears.

## 12-15 November

Team members present at ISPOR Europe 2023 in Copenhagen, Denmark.

## 14 November

Ryan Field successfully defends his thesis.

## 23 November

Nurnabi Sheikh passes his viva to become the latest HEHTA Dr.

HEHTA hosting a screening of the documentary, 'The Price of Life,' followed by a panel discussion on HTA decision-making on drugs for cystic fibrosis.

## 29 November

Francesco Manca discusses his research into the impact of Scotland's Minimum Unit Pricing (MUP) policy on alcohol sales' impact on road traffic accidents.

Sayem Ahmed leaves to take up a new role at the University of Bangor.

# 2024 Online CPD Courses

We are now taking bookings for the following online courses in 2024:

## Semester 2

### Real-World Data in Healthcare Decision-Making

8th January - 22nd March 2024

### Survival Analysis for HTA

19th February - 22nd March 2024

### Statistical Methods for HTA & Evidence-Based Medicine

8th January - 22nd March 2024

### Choice Experiments for Health Economics, HTA & One Health

8th January – 9th February 2024

## Semester 3

### HTA in a Global Context

15th April - 28th June 2024

### Health Economics for HTA

15th April - 28th June 2024

Click to find out more:

[www.gla.ac.uk/schools/healthwellbeing/research/hehta/study/short-courses/](http://www.gla.ac.uk/schools/healthwellbeing/research/hehta/study/short-courses/)

## Viva Success x 3!

Triple viva success this quarter, which saw Ryan Field, Nurnabi Sheikh and Lisong Zhang pass their vivas. Their viva triumphs are well deserved, and the entire team is very proud of them!



# EVENTS

## Price of Life Screening

On 22 November, HEHTA was delighted to host a community engagement event at the Advanced Research Centre (ARC) exploring decision-making in health technology assessment (HTA). The aim of the event was to demystify HTA processes, and to consider some of the challenges of decision-making. Joined by around 100 attendees, the evening started with a screening of 'The Price of Life,' a documentary by the award-winning film-maker Adam Wishart. It focuses on decision-making by NICE on Revlimid (lenalidomide), a drug for multiple myeloma, and captures the perspectives of a range of stakeholders, including patients and their families, clinicians.



The screening was followed by a panel discussion on HTA decision-making on drugs for cystic fibrosis. Ryan Mulholland

introduced the discussion by providing some context on recent appraisals by NICE and SMC on the CFTR modulators Kalydeco, Orkambi, Symkevi, and Kaftrio for cystic fibrosis. The panel, chaired by Emma McIntosh, consisted of:

- Thomas Ferguson, a person living with cystic fibrosis and involved in campaigning for access to CFTR modulators in Scotland
- Marion Ferguson, campaigner for access to CFTR modulators in Scotland
- Jeane Freeman, Dean of Strategic Community Engagement and Economic Development, and former Scottish Cabinet Secretary for Health and Sport
- Prof. Gordon MacGregor, consultant in respiratory medicine specialising in cystic fibrosis
- Prof. Olivia Wu, Director of HEHTA

In discussing decision-making on these cystic fibrosis drugs, panelists offered insightful and compelling contributions on a

range of areas, including: the impact of cystic fibrosis on patients and carers, the benefits of CFTR modulators, the roles of HTA bodies and governments in price negotiations, measurement of health outcomes, perspectives in economic evaluations, and spillover effects. Finally, there was a range of thought-provoking questions to the panel from our engaged audience.



## GOODBYE

### Hye-In Jung

On 5 September, we bid a fond farewell to visiting researcher Hye-In Jung from South Korea. Hye-In now returns to her PhD studies at the College of Pharmacy, Sungkyunkwan University.



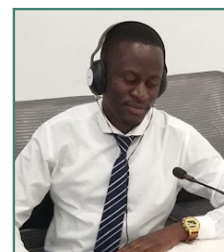
### Sayem Ahmed

On 29 November, the team said goodbye to Sayem Ahmed, who is taking up a new role at the University of Bangor. All the best, Sayem!

## HELLO

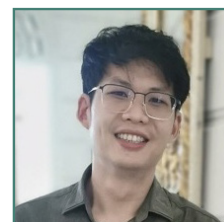
### Novatus Apolinary Tesha

On 20 September, we welcomed new PhD student Novatus Apolinary Tesha, a lecturer from Muhimbili University in Tanzania. Novatus has a strong background in economics & development studies and his PhD will focus on cervical cancer screening. Welcome, Novatus!



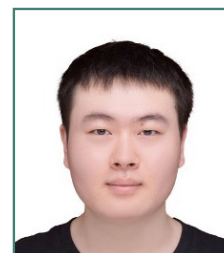
### Luxzup Wattanasukchai

On 16 October, we welcomed new PhD student Luxzup Wattanasukchai, a preventive medicine physician from the Faculty of Medicine, Khon Kaen University, Thailand.



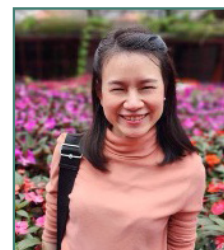
### Zihao Zhai

In October, we also welcomed new PhD student Zihao Zhai. Zihao completed his undergraduate study in computer science at Hong Kong Baptist University and computer science master degree at The Chinese University of Hong Kong. Welcome, Zihao!



### Tanawan Kongmalai

In November, we were delighted to welcome our visitor Professor Tanawan Kongmalai, an attending physician at the Division of Endocrinology & Metabolism, Faculty of Medicine at Siriraj Hospital, Mahidol University. Professor Kongmalai is a specialist in diabetes, obesity, metabolism & endocrinology.



# Publications

## September

**Sheikh N, Sultana M, Sarker AR, Morton A.** *Equity assessment of maternal and child healthcare benefits utilization and distribution in public healthcare facilities in Bangladesh: a benefit incidence analysis.* Population Health Metrics. 21(1):12. 5 September 2023.

**Wei L, Phillippo DM, Shah A, Cleland JG, Lewsey J, McAllister DA.** *Transportability of two heart failure trials to a disease registry using individual patient data.* Journal of Clinical Epidemiology. 162:160-8. 1 September 2023.

**Logan G, Somers C, Baker G, Connell H, Gray S et al (includes McIntosh E).** *Benefits, risks, barriers, and facilitators to cycling: a narrative review.* Frontiers in Sports and Active Living. 19 September 2023.

**Manca F, Lewsey J.** *Previous psychiatric hospitalizations as risk factors for single and multiple future alcohol-related hospitalizations in patients with alcohol use disorders.* Addiction. 26 September 2023.

## October

**Prinja S, Bahuguna P, Singh MP, Guinness L, Goyal A, Aggarwal V.** *Refining the provider payment system of India's government-funded health insurance programme: an econometric analysis.* BMJ open. 13(10):e076155. October 2023.

**Nuvey FS, Hanley N, Simpson K, Haydon DT, Hattendorf J et al.** *Farmers' valuation and willingness to pay for vaccines to protect livestock resources against priority infectious diseases in Ghana.* Preventive Veterinary Medicine. 219:106028. October 2023.

# Presentations

## September

**Hanin Farhana Binti Kamaruzaman.** *Innovative Approaches in Tackling HTA Challenges.* HTAsialink Conference 2023. 4-7 September 2023.

**Dikshyanta Rana.** *A logic model-based guidance for designing complex lifestyle modification interventions (CLMIs) for adults with intellectual disabilities (ID).* Guidelines International Network (GIN) Conference. 21 September 2023.

**Nishant Jaiswal.** *Challenges of using real world and randomised controlled trial data in an IPD-NMA: a case study in behavioural weight management interventions.* Guidelines International Network (GIN) Conference. 21 September 2023.

**Needham N, Campbell IH, Grossi H, Kamenska I, Rigby BP et al (includes McIntosh E & Bahuguna P).** *Pilot study of a ketogenic diet in bipolar disorder.* BJPsych Open. 9(6):e176. 10 October 2023.

**Heggie R, Jaiswal N, McCartney E, Moss J, Menne T et al (includes Boyd KA, Hawkins N & Wu O).** *Central venous access devices for the delivery of systemic anticancer therapy: an economic evaluation.* Value in Health. 2023 Oct 14.

**Manca F, Parab R, Mackay D, Fitzgerald N, Lewsey J.** *Evaluating the impact of minimum unit pricing for alcohol on road traffic accidents in Scotland after 20 months: an interrupted time series study.* Addiction. 18 October 2023.

**Crowther J, Butterly EW, Hannigan LJ, Guthrie B, Wild SH et al (includes McAllister DA).** *Correlations between comorbidities in trials and the community: An individual-level participant data meta-analysis.* Journal of Multimorbidity and Comorbidity. 13:26335565231213571. 30 October 2023.

## November

**Bush A, Simpson KH, Hanley N.** *Systematic nature positive markets.* Conservation Biology. 8 November 2023.

**Cooper N, Germeni E, Freeman SC, Jaiswal N, Nevill CR et al.** *New horizons in evidence synthesis for older adults.* Age and Ageing. 52(11):afad211. 13 November 2023.

**Hanin Farhana Binti Kamaruzaman.** *Stakeholders' perspectives on disinvestment of low-value healthcare intervention and practices in Malaysia: A key information interview.* Guidelines International Network (GIN) Conference. 21 September 2023.

**Hanin Farhana Binti Kamaruzaman.** *Prescribing pattern of targeted therapy in advanced renal cell carcinoma: utilising real-world evidence (RWE) in clinical practice for disinvestment initiatives in Malaysia.* Guidelines International Network (GIN) Conference. 21 September 2023.

## October

**Kathleen Boyd.** *Health economics of Sudden Infant Death research: Strengthening the evidence & informing policy.* International Society Study & Prevention Infant Death (ISPID). Florence, Italy. 8 October 2023.

**Viegas R, da Costa F A, Mendes R, Deidda M, McIntosh E, Sansano-Nadal O, Magaña JC, Rothenbacher D, Denking M, Caserotti P, Tully MA.** *Relationship of the SITLESS intervention on medication use in community-dwelling older adults: an exploratory study.* Frontiers in Public Health. 16 November 2023.

**Viegas R, da Costa FA, Mendes R, Deidda M, McIntosh E et al.** *Relationship of the SITLESS intervention on medication use in community-dwelling older adults: an exploratory study.* Frontiers in Public Health. 16 November 2023.

**Bouttell J, Fraser H, Goodlad JR, Hopkins D, McKay P et al (includes Hawkins N).** *Adding a Gene Expression Profile Test to Aid Differential Diagnosis and Treatment in Aggressive Large B-Cell Lymphoma: An Early Exploratory Economic Evaluation.* Applied Health Economics and Health Policy. 28 November 2023.

**den Boon S, Ahmed S, Sarker AR.** *Economic evaluations of immunization programs as an indispensable tool for policymakers.* BMC Health Services Research. 23(1):1284. 22 November 2023.

**Dundas R, Boroujerdi M, Browne S, Deidda M, Bradshaw P et al (includes McIntosh E).** *Evaluation of the Healthy Start voucher scheme on maternal vitamin use and child breastfeeding: a natural experiment using data linkage.* Public Health Research. November 2023.

**Kathleen Boyd & Nicola McMeekin.** *The costs and benefits of incentivising smoking cessation during pregnancy.* International Society Study & Prevention Infant Death (ISPID). Florence, Italy. 6 October 2023.

## November

**Samuel Owusu Achiaw.** *Using Mixed-Methods Development-Focused HTA and Npv Calculations to Guide Further Investment and R&D: A Case Study on Establishing the Value Proposition for Biosensor-Integrated Self-Reporting Arteriovenous Grafts.* ISPOR. 14 November 2023.

**Septiara Putri.** *The conceptualization of cardiometabolic disease policy model in the UK.* ISPOR. 14 November 2023.

**Septiara Putri.** *Cardiometabolic diseases prevention policy models: A systematic review.* ISPOR. 15 November 2023.

**Tzujung Lai.** *Economic Evaluation of Robotic-Assisted Surgery: Methods, Challenges, and Opportunities.* ISPOR. 14 November 2023.

## EDITORIAL TEAM:

Emma McIntosh, Ryan Mulholland, Samuel Owusu Achiaw & Miriam Yentumi