



### New LIIRH Director Leads Rural and Coastal Health Research Strategy



LIIRH Director - Global  
Professor Mark Gussy

Global Professor in Rural Health, Mark Gussy, a founding member of the LIIRH, takes over as the new director of the Lincoln International Institute for Rural Health (LIIRH).

This autumn marks the institute's third academic year at the University of Lincoln, with Prof. Mark Gussy and the LIIRH team developing their collaborative research strategy for rural and coastal health. In line with the university's purpose of transforming lives and communities researchers at LIIRH conduct inclusive research for the benefit of rural, remote and coastal populations. Since the initial launch of LIIRH the needs of coastal populations in Britain have been surfaced, with CMO Professor Chris Whitty addressing these challenges in his 2021 annual report. Over the past two years researchers at LIIRH have worked in close partnership with rural and more isolated communities on Lincolnshire's east coast to identify and understand complexities of supporting healthcare and wellbeing in these places.

Mark's international work has focussed on understanding the causes of the health inequalities which he has witnessed among different communities globally. With a clinical background in oral health Mark applies his philosophy on situational analysis of health care inequalities stating:

" Disease expresses itself in a similar way whatever country you are in. It's the burden of disease that changes dependent on location and that is related to political economy and healthcare structures."

#### Purpose and Strategic Goals

The purpose of LIIRH is to improve the health and wellbeing of rural, remote and coastal populations. At the institute we have a commitment to include communities and people in research and knowledge exchange that is regionally relevant and addresses national and global challenges.

Through collaborative and innovative approaches to research, whether these are applied to local or international contexts the institute seeks to design, build and evaluate effective, inclusive and sustainable models of care for rural, remote and coastal communities. Strategic and practical leadership alongside translational, context-specific knowledge production and exchange supports actionable high fidelity healthcare solutions in real world contexts. For further information on the research of LIIRH visit <https://liirh.lincoln.ac.uk>. Further details of LIIRH's strategy are shown on page 11.

#### Our Vision

Our vision is to be the preeminent rural and coastal health research institute worldwide.

#### Our Mission

We will conduct world-class research that seeks to address the most challenging health issues facing rural and coastal communities locally, nationally, and internationally.

## Toronto International Showcase: IPOS 2022



University of Lincoln researchers presenting at IPOS (left to right) : Dr. Darren Fernandes, Prof. Ros Kane, Dr. David Nelson, Dr. Samuel Cooke, Dr. Helene Markham-Jones

### Destination Toronto

Over the summer five researchers from the University of Lincoln travelled to Ontario's capital Toronto to showcase their work in rural, public, and clinical health on the international stage. The team included members of the LIIRH staff and colleagues from the School of Health and Social Care who collaborate closely with the institute on rural and coastal public health initiatives and research projects. The team of researchers presented oral abstracts at the IPOS World Congress 2022, detailed below. The event was held at the prestigious Intercontinental Conference Centre in downtown Toronto, Ontario close to the waterfront and at the foot of the CN Tower, one of Canada's most iconic landmarks.

### IPOS World Congress 2022: International Psycho-Oncology Society (IPOS)

The International Psycho-Oncology Society (IPOS) 23<sup>rd</sup> Annual World Congress was held on the 29<sup>th</sup> August-1<sup>st</sup> September in Toronto, Ontario, Canada. The global congress creates an opportunity for the dissemination of groundbreaking research to professionals, researchers and the general public in relation to the psycho-social and psychobiological aspects of oncology. The University of Lincoln had a strong representation of cancer related and psycho-oncology research accepted at this prestigious conference. This included research in relation to cancer survivorship, cancer clinical research delivery, innovative interventions for cancer patients, as well as the situated and personal experiences of cancer patients, and the impact of both rural and urban living in relation to cancer. The conference also showcased research undertaken by two Lincoln Medical School students, Florence Graham and Ben McLeod, who were supervised by Dr David Nelson.



### Lincolnshire Researchers On Tour

The University of Lincoln researchers who travelled to present their innovative work in psycho-oncology included Prof. Ros Kane and Drs Darren Fernandez, David Nelson, Samuel Cooke and Helene Markham-Jones. The selection process for conference abstracts was rigorous with more than 550 abstracts submitted, and IPOS reporting that the high quality of the submissions challenged their reviewers. The School of Health and Social Care had seven abstracts accepted (five oral and two posters) which was a great achievement and representation for the School, LIIRH and the University of Lincoln.

### IPOS Presentations

- The experiences of cancer survivors who reside in rural areas during the Covid-19 pandemic: Findings from a rapid systematic review – Poster presentation
- Developing web-based interventions to support people affected by cancer: Findings from a rapid systematic review – 10 minute rapid oral presentation
- 'Shared Lives©: Cancer' an innovative digital health tool to support people affected by cancer by making lived experience research publicly accessible – 20-minute oral presentation
- Recovery of health and wellbeing in UK cancer survivors from rural areas: A secondary analysis of qualitative interview data – Poster presentation
- Evaluating the burden of symptoms patients develop after treatment for colorectal cancer – 20-minute oral presentation
- A rural-urban comparison of the barriers and facilitators to self-management in post-treatment cancer survivors in the UK: A qualitative interview study – 20 minute oral presentation
- Evaluating Follow-up and Complexity in Cancer Clinical Trials (EFACCT): A Mixed Methods Grounded Theory Study – 20 minute oral presentation



## Dr. Agnes Nanyonjo – Seventh Global Symposium on Health Systems Research (HSR2022)

At the beginning of November Dr. Agnes Nanyonjo flew to Bogotá in Columbia, South America to attend the Seventh Global Symposium on Health Systems Research (HSR2022). The conference was held at the Ágora Bogotá Centro de Convenciones between October 31<sup>st</sup> and November 4<sup>th</sup>. The conference brought together approximately 2,000 health systems researchers, policymakers and practitioners from around the world. This year's theme title was *Health Systems Performance in the Political Agenda: Sharing Lessons for Current and Future Global Challenges*. The symposium was an opportunity for researchers from around the world to come together to debate the current challenges faced by healthcare systems around the globe. For further details on HSR conferences and the 2022 symposium in Bogoto visit: <https://healthsystemsresearch.org/hsr2022/theme/> & <https://healthsystemsresearch.org/hsr2022/>



Dr. Agnes Nanyonjo  
Research Fellow

## Skegness & Mablethorpe Community Connections Event

In November the LIIRH research team took part in a Community Connections Event held at The Storehouse conference venue in Skegness. The team from the institute hosted a stand at the event to promote the institute's rural and coastal health portfolio of research, alongside highlighting educational courses offered by the School of Health and Social Care.

The event was hosted by the East Neighbourhood Team, First Coastal PCN, Community Mental Health Transformation Team and the Spilsby and District Wellbeing Hub. With around 200 visitors attending the exhibition and over 50 exhibitors and organisations presenting the LIIRH staff were able to establish new contacts and raise the profile of the institute and university, exhibiting its current research portfolio and activities. Building rural and coastal connections is a key focus of the LIIRH and the event provided an ideal platform for promoting our collaborative approach to working with coastal and rural charities, healthcare providers, health and wellbeing advocates and a broad range of east coast organisations and community representatives.

Dr. Simon Lowe, who is the clinical director of First Coastal Primary Care Network (PCN) opened the day's presentations. Simon, who is a key research partner of the LIIRH, highlighted the challenges of providing healthcare services on Lincolnshire's East Coast. The population served by the First Coastal PCN fluctuates over the seasons which grows from approximately 53,000 in the winter months to around 73,000 in the summer months. The region also has an ageing population and an overall deprivation which is higher than the average for Lincolnshire, with 83% of the population in the most deprived quintile. Such challenges are important areas for research.



LIIRH stand, The Storehouse, Skegness



Dr. Helene Markham-Jones, Dr. Vindya Gayathri, Dr. Agnes Nanyonjo,  
A Shark, Dr. Samuel Cooke, Dr. Maxime Inghels.



Dr. Simon Lowe, Clinical Director, First Coastal PCN



## Research Visit to the Manicaland Centre for Public Health Research

### Paul Mee LIIRH Senior Research Fellow

LIIRH team members Dr Paul Mee and Dr Maxime Inghels are establishing a new programme of collaborative research with the Manicaland Centre for Public Health Research, a research centre based in eastern Zimbabwe which is part of the Biomedical Research and Training Institute (BRTI). The work of the Manicaland Centre focuses on understanding HIV epidemics and on contributing to the development of public health interventions that are effective in reducing their spread and demographic impact. Effectively engaging men in HIV prevention remains one of the greatest challenges to driving the HIV epidemic towards elimination in sub-Saharan Africa. The objective of the collaboration and a currently proposed project is to use an implementation science approach to establish the impact of HIV self-test distribution through male social networks, with innovative community-based support on pre-exposure prophylaxis (PrEP) uptake among men in Eastern Zimbabwe.

To support the development of this research Dr Paul Mee undertook a research visit to the Manicaland field site earlier this year. During the visit he worked with the local research team to develop research protocols, and held meetings with a variety of stakeholders including local healthcare staff, leaders of the National AIDS Council and senior staff at the Ministry of Health and Childcare. This visit has led to the development of major research funding bids with international partners from the UK, Denmark, Germany, the USA and South Africa. The LIIRH team are collaborating with researchers from Imperial College London (ICL) who have a well-established partnership with BRTI. Pictured below with Dr. Paul Mee (LIIRH) is Dr. Nyamukapa, Research Operations Director of the Manicaland Centre and Prof. Simon Gregson, Director of the Manicaland Centre. During the last 20 years the BRTI has been responsible for the conduct of more than 80 internationally funded research studies. These studies have received funding from a variety of international agencies including the Wellcome Trust, the European Community and the European Developing Country Clinical Trials Partnership, the National Institutes of Health and Centers for Disease Control and Prevention, the Kellogg Foundation, the UK Department for International Development, the Royal Netherlands Embassy, the World Health Organisation, the International Atomic Energy Agency UNAIDS, UNFPA, UNICEF, the Global Fund to Fight AIDS, TB and Malaria, Plan International and others.



Dr. Constance Nyamukapa (BRTI & Imperial College),  
Dr. Paul Mee (LIIRH)



Biomedical Research & Training Centre (BRTI), Manicaland Centre, Eastern Zimbabwe



Dr. Constance Nyamukapa (left), Prof. Simon Gregson & Dr. Paul Mee (centre right)



## Researcher Spotlight – Professor Ros Kane

Prof. Ros Kane who is Professor of Nursing and Public Health and Director of Research in the School of Health and Social Care at the University of Lincoln works closely with the LIIRH team on a range of rural and coastal health research projects as well as doctoral supervisions. Ros is actively involved in promoting research on an international stage and has recently been elected as the new chair for the UDINE-C network, an informal collaboration of nursing researchers. The network was established 15 years ago between the University of Lincoln and the University of Maribor in Slovenia and has since grown to now include over 50 individual members with representation from 19 countries. Her appointment provides new opportunities for international collaborations in healthcare research. Ros Kane co-leads the Mental Health, Health and Social Care Research Group (MH2aSC). Ros worked for ten years in the Centre for Sexual and Reproductive Health Research at LSHTM where she completed her PhD in 2005. She has a strong interest in quality improvement as well as service and policy evaluation, particularly in relation to Public Health. She works with the LIIRH team on a range of research including the new SHORE study based in the town of Mablethorpe on Lincolnshire's East Coast.



Prof. Ros Kane  
Professor of Nursing &  
Public Health



Prof. Ros Kane with members of the UDINE-C Network in Maribor, Slovenia, November 2022

## SHORE Study: Sexual Health Observational Research in Coastal and Rural Environments

The SHORE study is a collaborative case study between University College London (UCL), the UK Health Security Agency (UKHSA), University of Lincoln's School of Health and Social Care (SH&SC) and LIIRH researchers. Working in partnership with leading sexual health researchers from UCL, who are founding members of the NATSAL organisation, the UCL funded study will undertake a detailed evaluation of sexual health and disease determinants and the provision of sexual health services in the remote UK coastal population of Mablethorpe. Prof. Ros Kane is the Principal Investigator for the study which commenced in November. The study team also includes Prof. Derek Ward, who is Director of Public Health for Lincolnshire County Council, North Lincolnshire and North East Lincolnshire.



From left to right: Dr. John Saunders (UKHSA), Prof. Ros Kane (SH&SC), Dr. Helene Markham-Jones (LIIRH), Prof. Caroline Sabine (UCL), Prof. Mark Gussy, (LIIRH), Prof. Cath Mercer (UCL), Dr. Samuel Cooke (SH&SC)

## SHORE Launch and HPRU Conference

In November the initial investigator meeting took place at Lincoln Medical School, which was attended by leading sexual health researchers and policy experts from UKHSA, NATSAL and UCL. NATSAL is the National Survey of Sexual Attitudes and Lifestyles. Conducting research into sexual health and behaviours in a remote and older populations offers a unique opportunity to understand contextual challenges and attitudes.

Dr. Helene Markham Jones from LIIRH gave a presentation on the SHORE study at the annual Health Protection Research Unit (HPRU) in October. The National Institute for Health Research (NIHR) Health Protection Research Unit (HPRU) in Blood Borne and Sexually Transmitted Infections is led by Prof. Sabine from University College London in partnership with Public Health England. The HPRU team includes Dr. John Saunders (Dep. Head Programme Delivery, UKHSA) and Prof. Mercer (Lead for NATSAL).



## ICA Programme, Lincoln Medical School



### NIHR Integrated Clinical Academic Students

We have just had our new intake of NIHR Integrated Clinical Academic (ICA) students. The ICA programme is funded by Health Education England (HEE) and run by the NIHR. It aims to develop clinical academic research leaders of the future with the potential to become independent researchers and lead their own research projects. The ICA programme at Lincoln has been successfully led by LIIRH collaborators Prof Ros Kane and Dr Ian McGonagle for several years with LIIRH member Dr David Nelson providing teaching support and more recently systematic review training to the students. The systematic review training is also supported by the skills and expertise of Dr Samuel Cooke (School of Health and Social Care) and Despina Laparidou (Community and Health Research Unit). The new cohort of ICA students will be taught on the third floor of the Lincoln Medical School.



Prof. Amanda Kenny

### Visiting Chair: Professor Amanda Kenny

In October Professor Amanda Kenny from La Trobe University in Australia travelled to the University of Lincoln as a visiting professor to engage in development work with the LIIRH team. Amanda Kenny is an internationally recognised scholar in rural health care design and delivery, an Emeritus Professor at Violet Vines Marshman Centre for Rural Health Research, La Trobe and the inaugural Violet Marshman Professor of Rural Health. She is also Editor in Chief of Nurse Education Today and Co-Editor in Chief of the Australian Journal of Primary Health. Her research involves extensive partnerships with vulnerable populations, and she is an expert in primary health, nursing workforce models, and rural health policy. During her visit she presented a seminar on “The importance of context: realist methods for rural health research”, offered mentoring support to LIIRH staff as well as providing expert insight into multidisciplinary participatory action research, deliberative decision making, innovative digital methods, and co-design approaches in rural health contexts.



Dr. Sam Cooke  
Research Associate

### Public Health Research East Midlands – Website Under Development

Dr Samuel Cooke, a NIHR/CRN funded research fellow, is currently working on an exciting project involving the development of a public health research website that will cover the East Midlands region. The website aims to better connect regional public health researchers and local authority practitioners and will promote knowledge sharing, research showcasing, and signpost to key events, news, and opportunities. The work supports the CRN East Midlands ambition in growing and supporting public health research across the region. The website that is currently under development can be found here (<https://sites.google.com/nih.ac.uk/public-health-research-em/home>).

If you have a piece of work, news, or event that you would like to promote on the website, or if you have any ideas for the website that you'd like to pass on to Sam, you can contact him through email – [scooke@lincoln.ac.uk](mailto:scooke@lincoln.ac.uk) .

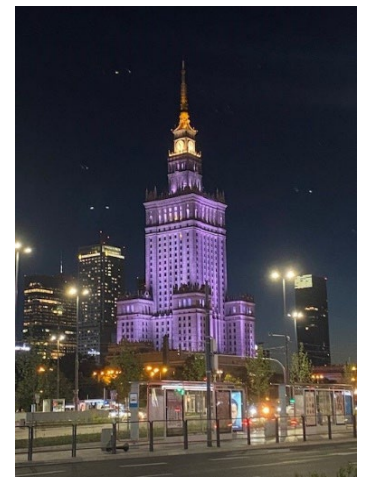


## European School of Oncology: Improving Cancer Outcomes and Leadership Course

On the 7<sup>th</sup>-9<sup>th</sup> July, LIIRH member, Dr David Nelson, attended the Improving Cancer Outcomes and Leadership Course in Warsaw, Poland.

The course is a collaboration between the European School of Oncology (ESO), European Cancer Organisation (ECO) and Sharing Progress in Cancer Care (SPCC). It is aimed at helping tackle the difficult challenges of inequalities in cancer outcomes across Europe. The training programme was intended to equip attendees with the expertise required to develop strategic plans, support, and collaborate in relevant applied health research, develop implementation approaches and skillsets to support change management within their countries, in order to improve the quality of cancer care and patient outcomes. Participants on the course represented many European countries and will remain in contact to develop a network for shared approaches and best practice moving forward.

As part of his participation on the course, David delivered a session entitled 'Implementing the European Code of Cancer Practice in Rural and Remote Settings.'



Palace of Culture & Science  
Warsaw, Poland



Dr. David Nelson, LIIRH Research Fellow with delegates from Portugal and Italy



## Cancer Summit, Lincoln Medical School

This summer the Lincoln Medical School hosted the Cancer Summit 2022, which brought together NHS colleagues and academics from across the region. Prof. Ros Kane opened the event and LIIRH researcher Dr. David Nelson presented a workshop on the work of the institute around rural health and cancer. Key speakers at the summit included:

**Dr. Lucy Gossage**, IRONMAN champion & oncologist specialising in treatment of sarcomas & germ cell tumours. She gave an inspiring presentation on her work in cancer along with highlighting the importance of passion, balance and facing up to failure in life.

**Dr Farquharson**, ULHT Medical Director presented on the opportunities for cancer care across Lincolnshire and reflected on the impact that Covid-19 had on the cancer services.

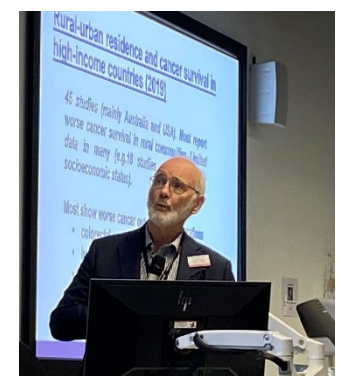
**Prof. Peter Selby**, Visiting Professor at the University of Lincoln, presented on the European Code of Cancer Practice as well as the nature of rurality on cancer survival.

**Workshops** also included presentations by Dr Samuel Cooke on the launch week of the Shared Lives Cancer Website, an excellent new resource supporting people living with and affected by Cancer. A workshop on strategic co-production and peer support with people living with cancer was delivered by Vicky Thomson from Every-One.



Welcome to the  
**Cancer Summit 2022**

Working together to improve cancer services and support for people living with cancer across Lincolnshire



Visiting Professor  
Peter Selby

## New Colleagues

### Dr. Vindya Gayathri: International Research Fellow in Oral Health

In October 2022 Dr. Vindya Gayathri joined the LIIRH team as an international research fellow in oral health for a twelve month period of post-doctoral training, working under the supervision of Professor Mark Gussy. Vindya is a dental surgeon who continued her studies at The Postgraduate Institute of Medicine (PGIM), University of Colombo in Sri Lanka. Her research interests are in dental public health, and during her LIIRH fellowship will be undertaking research into oral health epidemiology among rural populations in the UK. This will involve detailed study of the primary healthcare structure relating to oral health services in the UK's National Health Service (NHS), and include the application of advanced statistical methods and systematic reviews within the research area of oral public health.



Dr. Vindya Gayathri  
Visiting Research Fellow

### Dr. Hayden Bird: Research Assistant in Rural Health and Care

Dr. Hayden Bird joins the institute this autumn, taking up a new post of research assistant in rural health and care. Hayden is an experienced researcher who studied for his first degree in Criminology here at Lincoln, going on to complete a PG Dip in Social Science Research Methods (2005) and a PhD (2007) on prisons, their partners and resettlement funded by HM Prison Service Area Office (Yorkshire and Humberside) and Sheffield Hallam University. He subsequently undertook contract research and consultancy in a range of environments including the criminal justice sector, social work, the VCS (including rural community charities and farming support networks), local authorities and health services. Hayden also previously worked at the University of Lincoln in the Health Advancement Research Team providing consultancy to YMCA Lincolnshire's TED in East Lindsey Ageing Better Programme. This was part of a £78 million national programme funded by the National Lottery Community Fund to address loneliness and social isolation in people aged 50 and over. His other recent interests include social value analysis, social prescribing, and the lived experiences of people in rural and coastal communities. Overarching his career has been an interest in community development that includes improving health and wellbeing. He has experience in service mapping activities, applied qualitative, participatory research methods, and analysis of Social Return on Investment. In his spare time he volunteers for Lincolnshire Rural Support Network and participates in a service user forum for Steps 2 Change (Lincolnshire's NHS IAPT talking therapies service)."



Dr. Hayden Bird  
Research Assistant

## New Family Arrivals

The institute is delighted at the arrival of two new babies to the wider LIIRH family. Many congratulations to our colleagues and their partners who have welcomed new family members. Both Dr. David Nelson and Dr. Maxime Inghels became first time fathers this summer to beautiful girls. David and his partner Lisa welcomed their daughter Saoirse in July. Maxime and his wife Letitia welcomed their daughter Annabelle in September.



Saoirse



Annabelle



## New PhD Studentship at LIIRH: Integrating oral health into general health and social care

LIIRH are opening up new research opportunities in oral health with its first PhD Studentship in Oral Health. The University of Lincoln's newly established Lincoln International Institute for Rural Health (LIIRH) based in the Lincoln Medical School is offering a fully funded PhD studentship that will investigate the barriers and facilitators to the effective integration of oral health into primary and social care. Optimal oral health is essential for positive general health and wellbeing. Non-dental health professionals may be well placed to support and promote oral health. Simple and low-cost interventions delivered alongside routine health care delivery have the potential to reduce dental diseases, improve quality of life and reduce the overall cost burden to the health system. Despite this there has been little integration of oral health into general health and social care systems. Multiple barriers and facilitators at different levels have been identified including the lack of interprofessional education and discipline-oriented training in health and social care tertiary courses. This research will examine the current curricula of health and social care disciplines offered by universities to understand how oral health competencies are currently integrated across and within programmes with the aim of better preparing non-dental health and care professionals to support integrated oral health. LIIRH's first dental PhD student will start in the New Year and will be supervised by Profs. Mark Gussy and Amanda Kenny and Dr. David Nelson.

## Recent Successful Funding Bids

Our team of researchers at the LIIRH have been successful in securing research funding for the following studies:

- Gussy, M., Nelson, D., Kane, R. CRN East Midlands: Targeting Under-served Communities In Research. Funder NIHR CRN: £52,926.96
- Gussy, M., Somerset County Council Public Health Evaluation. Funder Somerset County Council: £96,280.00
- Nelson, D., Gussy, M., Laparidou, D., Moore, H., Siriwardena, N. A Systematic Review On Interventional Studies For People Presenting With Mental Health Symptoms To Ambulance Services In Rural And Urban Settings. Funder NIHR: £32, 211.75

## Publications 2022

1. Ashe, Louise, **Nelson, David**, Kontou, Eirini, Lindau, Aneesa, McGonagle, Ian and **Kane, Ros** (2022) *A systematic review of practitioner enquiry into adverse childhood experiences in primary care*. Journal of Health Visiting, 10 (3). ISSN 2050-8719
2. **Cooke, Samuel, Nelson, David**, Green, Heidi, McPeake, Kathie, **Gussy, Mark** and **Kane, Ros** (2022) *Developing web-based interventions to support people affected by cancer: Findings from a rapid systematic review*. In: IPOS 2022, 29th August - 1st September, Toronto, Canada.
3. **Cooke, Samuel, Nelson, David**, Green, Heidi, McPeake, Kathie, **Gussy, Mark** and **Kane, Ros** (2022) *Rapid systematic review on developing web-based interventions to support people affected by cancer*. BMJ Open, 12 (9). e062026. ISSN electronic ISSN
4. Fernandes, Darren, **Nelson, David**, Siriwardena, Niro, Law, Graham and Andreyev, Jervoise N (2022) *Evaluating the Burden of Symptoms Patients Develop After Treatment for Colorectal Cancer*. In: IPOS 2022, 29th August - 1st September, Toronto, Canada.
5. Graham, Florence, **Kane, Ros, Gussy, Mark** and **Nelson, David** (2022) *Cancer recovery and survivorship in rural settings across the East Midlands of England*. In: Rethinking Remote 2022, 28th-29th April, Aviemore, Scotland.
6. Graham, Florence, **Kane, Ros, Gussy, Mark** and **Nelson, David** (2022) *Recovery of Health and Wellbeing in Rural Cancer Survivors Following Primary Treatment: Analysis of UK Qualitative Interview Data*. Nursing Reports, 12 (3). pp. 482-497. ISSN 2039-4403
7. Green, Heidi A., **Nelson, David, Cooke, Samuel**, McPeake, Kathie, Gussy, Mark and **Kane, Ros** (2022) *Innovating e-health: Shared Lives®: Cancer*. In: EANS Winter E-Summit 2022, 21/02/2022, Online.
8. **Inghels, Maxime, Kane, Ros, Lall, Priya, Nelson, David, Nanyonjo, Agnes**, Asghar, Zahid, Ward, Derek, McCranor, Tracy, Kavanagh, Tony, Hogue, Todd, Phull, Jaspreet and Tanser, Frank (2022) *Ethnicity and risk for SARS-CoV-2 infection among the healthcare workforce: Results of a retrospective cohort study in rural United Kingdom*. International Journal of Infectious Diseases, 122 . pp. 115-122. ISSN 1201-9712
9. **Inghels, Maxime**, Kim, Hae-Young, Tanser, Frank, Hetteema, Anita, McMahon, Shannon A., Oldenburg, Catherine E., Matse, Sindy, Kohler, Stefan, Geldsetzer, Pascal and Bärnighausen, Till (2022) *PrEP uptake and delivery setting preferences among clients visiting six healthcare facilities in Eswatini*. AIDS and Behavior . ISSN 1090-7165
10. **Inghels, Maxime**, Kouassi, Arsène Kra, Niangoran, Serge, Bekelynck, Anne, Carilon, Séverine, Sika, Lazare, Koné, Mariatou, Danel, Christine, Degrées du Loû, Annabel and Larmarange, Joseph (2022) *Preferences and access to community-based HIV testing sites among men who have sex with men (MSM) in Côte d'Ivoire*. BMJ Open, 12 (6). e052536. ISSN 2044-6055

11. **Inghels, Maxime, Nelson, David and Gussy, Mark** (2022) *Investigating health needs and vulnerabilities of people living in caravans or chalets in rural and coastal areas in Greater Lincolnshire*. In: Rethinking Remote 2022, 28th-29th April, Aviemore, Scotland.
12. **Kane, Ros and Nelson, David** (2022) *Critical Appraisal and Quantitative Research*. In: Evidence-based practice for nurses and healthcare professionals. SAGE, London, pp. 95-108. ISBN 9781529775914, 9781529775921
13. **Markham-Jones, Helene** (2022) *“Being Human”: A Grounded Theory of Complexity and Serendipity in Cancer Clinical Trials*. PhD thesis, University of Lincoln.
14. **Markham-Jones, Helene, Nelson, David, Curtis, Ffion and Law, Graham** (2022) *Evaluating Follow-up and Complexity In Cancer Clinical Trials (EFACCT): A Mixed Methods Grounded Theory Study*. In: IPOS 2022, 29th August - 1st September, Toronto, Canada.
15. McLeod, Ben, **Cooke, Samuel, Kane, Ros, Gussy, Mark and Nelson, David** (2022) *A protocol for a rapid systematic review on the experiences of cancer survivors who reside in rural areas during the Covid-19 pandemic*. Open Science Framework.
16. McLeod, Ben, **Cooke, Samuel, Kane, Ros, Gussy, Mark and Nelson, David** (2022) *A rapid systematic review on the experiences of cancer survivors who resided in rural areas during the Covid-19 pandemic*. In: Rethinking Remote 2022, 28th-29th April, Aviemore, Scotland.
17. **Nanyonjo, Agnes, Nelson, David, Sayers, Emma, Lall, Priya, Tanser, Frank and Siriwardena, Niro** (2022) *Community Efforts to Promote the Covid-19 Vaccine in a Rural UK County*. In: Rethinking Remote 2022, 28th-29th April, Aviemore, Scotland.
18. **Nelson, David** (2022) *Implementing the European Code of Cancer Practice in Rural and Remote Communities*. In: European School of Oncology: Improving Cancer Outcomes and Leadership Course, 7th-9th July 2022, Warsaw, Poland.
19. **Nelson, David** (2022) *An overview of the Lincoln International Institute for Rural Health (LIIRH) and our cancer related projects*. In: Lincolnshire Cancer Summit 2022, 8th June 2022, Lincoln Medical School.
20. **Nelson, David, Inghels, Maxime and Gussy, Mark** (2022) *Mapping the Characteristics of Residents Using Temporary Housing on Lincolnshire’s East Coast and their Exposure to Risk Factors for Type 2 Diabetes*. Project Report. University of Lincoln.
21. **Nelson, David, Inghels, Maxime, Skinner, Steve, McCranor, Tracy, Yusuff, Ojali, Wyatt, Steve, Phull, Jaspreet, Nanyonjo, Agnes and Gussy, Mark** (2022) *The experiences of mental health professionals using Telehealth to deliver Psychological Therapies during Covid-19 in a rural UK county*. In: Rethinking Remote 2022, 28th-29th April, Aviemore, Scotland.
22. **Nelson, David, Lowe, Simon, Barr, Kim, Blackwell, Joanna and Gussy, Mark** (2022) *Primary care staff at the ‘Deep end’: Experiences from Lincolnshire’s East Coast*. British Journal of General Practice (BJGP) - Life .
23. **Nelson, David, Mcgonagle, Ian, Jackson, Christine, Gussy, Mark and Kane, Ros** (2022) *A rural-urban comparison of self-management in people living with cancer following primary treatment: A mixed methods study*. Psycho-Oncology . ISSN 1057-9249
24. **Nelson, David, Mcgonagle, Ian, Jackson, Christine, Gussy, Mark and Kane, Ros** (2022) *A rural-urban comparison of the barriers and facilitators to self-management in post-treatment cancer survivors in the UK: A qualitative interview study*. In: IPOS 2022, 29th August - 1st September, Toronto, Canada.
25. **Nelson, David, Mcgonagle, Ian, Jackson, Christine and Kane, Ros** (2022) *An Exploration of Rural–Urban Residence on Self-Reported Health Status with UK Cancer Survivors Following Treatment: A Brief Report*. Nursing Reports, 12 (3). pp. 574-583. ISSN 2039-4403
26. Tanser, Frank and **Inghels, Maxime** (2022) *Lincoln International Institute for Rural Health – Forging a new global health agenda*. In: Rethinking Remote Conference 2022, 29/04/2022, Aviemore, Scotland.
27. **Markham-Jones, Helene, Kane, Ros** (2022) *Sexual Health Research in Coastal and Rural Environments*. In: HPRU Conference 2022, 11/10/2022, UCL.

## Publications 2023

28. **Nelson, D., Cooke, S., McLeod, B., Nanyonjo, A., Kane, R., Gussy, M.** (in press, 2023). *A rapid systematic review on the experiences of cancer survivors residing in rural areas during the Covid-19 pandemic*. International Journal of Environmental Research and Public Health.

## Forthcoming LIIRH Seminars

- Friday 16<sup>th</sup> December 2022 – “Reaching the SDG for drinking water and sanitation” Presented by Harold Lockwood, Director Aguaconsult. What will it take to reach the global Sustainable Development Goal for drinking water and sanitation for all by 2030?

For further information on LIIRH seminars visit: <https://liirh.lincoln.ac.uk/events/> or contact [pme@lincoln.ac.uk](mailto:pme@lincoln.ac.uk)



Lincoln International Institute for Rural Health

## Our Purpose

Our purpose is to improve the health and wellbeing of rural, remote, and coastal populations. We have a commitment to include communities and people in research and knowledge exchange that is regionally relevant and addresses national and global challenges.

## Our Vision

Our vision is to be the preeminent rural and coastal health research institute worldwide.

## Our Mission

We will conduct world-class research that seeks to address the most challenging health issues facing rural and coastal communities locally, nationally, and internationally.

## Strategic Goals

The Institute's strategic goals are to conduct collaborative and innovative research across regional, national, and international contexts to:

- address knowledge and data gaps relating to health demographics, epidemiology, and gaps in rural health and care systems.
- develop opportunities for influence of policy, knowledge exchange, community engagement and academic development including public health, clinical training, and sustainable development of healthcare professionals within remote and rural populations.
- design, build and evaluate innovative and sustainable rural/coastal models of care
- develop new high-quality data frameworks and tools to improve planning approaches and provide more appropriate outcome and impact indicators for rural and coastal population health
- translate our context-specific knowledge of rural population health realities into actionable high fidelity healthcare solutions applicable to real world contexts
- develop innovative approaches to effective inclusion and engagement of rural and coastal citizens in health and care research and health system design.
- create and support evaluation and post-graduate teaching expertise in rural and coastal health and care
- provide strategic and practical leadership and support for developing public health capacity across the college, university, and region.