

# MASI

DISCOVERY & INNOVATION  
TO CHANGE THE WORLD

DARGANFOD AC ARLOESI  
I NEWID Y BYD



Swansea University  
Prifysgol Abertawe

# ANNUAL REPORT

2023





## Foreword

Since the establishment of Swansea University over a century ago, we are proud to have pioneered imaginative solutions to some of the world's most pressing problems.

We have achieved this by bringing together diverse disciplines and a broad set of partners and collaborators from the public, private and third sectors, who have worked with us to undertake outstanding research that has both purpose and real-world impact. Building on this heritage, in 2021 we established the Morgan Advanced Studies Institute (MASI) to choreograph, amplify and celebrate the many interdisciplinary endeavours that we are proud to have nurtured within our University.

In this Annual Report, you will find many examples of the passion of our MASI community, and their commitment to developing our research environment and culture in ways that are inclusive, diverse and effective. The MASI speaks to everyone within our University, and I am particularly delighted to see that our students and colleagues – both academic and from across our Professional Services – have all played an important role in shaping the activities, projects and impacts presented herein.



Over the past three years, the MASI has developed to become a positive driver of radical new agendas and ideas, adventurous transdisciplinary research and ways of working that seek to exemplify the modern research environment. Its mission remains to act as a beacon, both within our University and far beyond, and, with its foundations now well established, I am confident that the MASI will continue to reinforce and reflect Swansea University's broader commitment to research which drives real and positive change for our planet and its people.

**Professor Paul Boyle**  
Vice-Chancellor, Swansea University

## Introduction

The First Minister of Wales launched the Morgan Advanced Studies Institute (MASI) on February 26th, 2021. We are Wales' first Advanced Studies Institute focused on transformative transdisciplinary research.

In the two and half years since then, MASI has developed into a vibrant, thriving community. We have encouraged and nurtured multiple groups and individuals to tackle adventurous, ambitious research projects with impact and purpose. We are proud that researchers, scholars and professional service colleagues at many stages of career – from undergrad students to established professors – have engaged with our vision and mission.

During MASI's short history so far, there has been a pandemic; cost-of-living crises; troubling geo-political storms; and we have become even more aware of the existential threats of climate change and the "truth crisis".

Amongst all of this, our community strives to be a beacon of light, hope and change.

This year we established our External Advisory Board who met for the first time in the Autumn of 2023. This esteemed group will help shape the next stage in our journey supporting the new MASI Director.



In this report you can read of some of the people and projects that make MASI what it is; more details can be found on our website – including our previous Annual Report – [swansea.ac.uk/masi](https://swansea.ac.uk/masi)

I hope you will be inspired by what you see here and join us in our work as we help create what universities have always been – places where all talents can thrive and flourish through acts of intellectual service.

**Matt Jones**  
Director



# Images from the Showcase Event (April 23), Proposal Writing Event (June 23) & UKRI Capacity Building Event & Pitch to Panel (June 23)





## The MASl Team and Resources



**Prof Matt Jones**  
Director of MASl

**Heidi Rees**  
Senior Project Officer

**Professor Matt Jones** is MASl's Founding Director, focussed on nurturing the pan-University transdisciplinary culture and community.

**Heidi Rees** is the Senior Project Officer. She works to ensure the smooth running of the Institute and to promote and sustain our connections across the University and beyond.

## MASl Fellows



**Chris Marshall**

**Ian Mabbett**

**Thomas Reitmaier**

**Lella Nouri**



**Kimberley Dienes**

**Kelly James**

**Krijn Peters**

**Karl Hawkins**

Our core team is complemented by the MASl Fellowship. After an Open Call eight Fellows were selected from twenty applicants – two academics from each Faculty and two from the Professional Services, one at the "early" the other

"established" career stage – to both help ground MASl's work in the wider university context and to assist in finding connections and opportunities.

In resourcing the Institute, the university provides a staff budget for: 50% of Jones' time as Director and 80% for Rees' role. In addition for the coming Financial Year (2023 – 2024), there is a non-pay allocation of £233k of which

approximately 12% is devoted to capacity and networking building and the remainder to investments in successful proposals.

## External Advisory Board



**Professor Jonathan Lazar PhD, LLM**

**Professor Anne Boddington**

**Professor Alan Penn**



**Kellie Beirne**

**Professor Peter Halligan**

**Professor Sarah Sharples**



**Professor Tom Rodden**

**Professor ShashiPragha Kumar**

**Sir Frank Atherton**

External Advisory Board are shown above. In addition, the Vice Chancellor, Pro-Vice Chancellor (Research and

Innovation) and the Director of MASl attend as ex-officio members.

## Masi Investments 2022/2023

After more than two years of pandemic-life along with more recent global anxieties, MASl was looking for proposals that would enhance the way we live and think, reflecting on and learning from these shared difficult times. While some were calling for us to return to “normal” or the “new normal”, we were looking for work that would define a “new extraordinary”. That is, a world that takes seriously the challenges, problems and opportunities highlighted over the previous 24+ months.

- **Basecamp projects** carry out research in a sprint-like fashion, over one year, producing clear outputs, building capacity, carrying out feasibility work for external grant applications and/or future Summit Projects. We fund up to £5,000 per Basecamp.
- **Summit projects** are 2-year endeavours (Aug 1st 2022-end July 2024), and seek to “plant a flag” on a highly novel intellectual and impact “summit”. That is, they carry out significant research work with important outputs, defining agendas and creating visions that others will seek to follow. The projects are expected to lead to at least one strategic external grant application. We fund a maximum of £15,000 a year per Summit (£30,000 total).

- **International Visiting Fellows** are expected to commit approximately a month in Swansea and proposals needed to show how they will help build and strengthen transdisciplinary agendas. Fellows are expected to give at least one public MASl Lecture (accessible to a general audience) and interact with Universities across Wales. We expect to fund up to £5,000 per Fellowship (travel and subsistence).

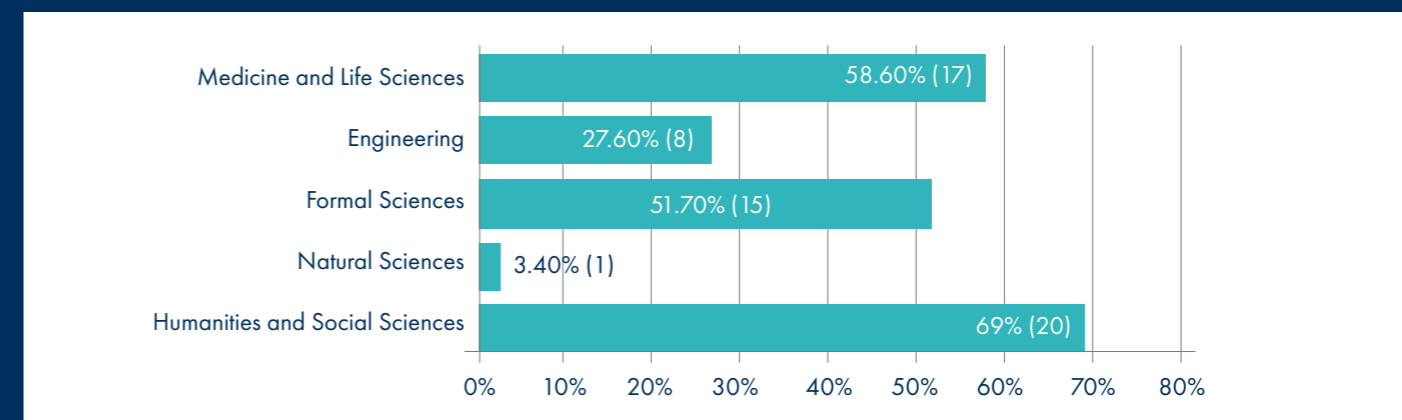
After an open call and a review and panel process based on UKRI best-practice, Basecamp, Summit & Visiting Fellow awards were announced in Summer 2022. In addition, in early 2023 we ran a further Open Call for Agenda Setting Events focussed on creating disruptive, proactive research trajectories for future external opportunities. Details of all funded projects are given in Appendix I.

**Table 1:** Applications and Investments 2022-2023. Home Faculty of lead proposer is shown but all successful proposals involved at least two Faculties.

Mechanism	Applications	Funded	Funded: Humanities and Social Sciences	Medicine, Health and Life Sciences	Science and Engineering
BaseCamp	7	5	1	1	3
Summit	18	5	1	3	1
Visiting Fellow	1	1	1	0	0
Agenda Setting Events	3	3	0	1	2

Applicants were asked to identify which disciplines were represented in their proposal team. The distribution is shown in Figure 1:

**Figure 1:** Disciplines represented in the applications. Data includes applicants from the 29 MASl Proposals.



With the 2022/23 investments, since MASl began we have funded 35 projects, as noted in Table 2 below:

**Table 2:** Total number of projects funded by MASl.

Projects Type	2020/21	2021/22	2022/23	Total
BaseCamp		5	7	12
Summit		3	8	11
Visiting Fellow		1	1	2
Agenda Setting Events		4	3	7
Summer of Hope	3			3
			<b>Total</b>	<b>35</b>

MASl operates an “Active Investor” approach – the team meets monthly with the project leads to encourage and support their work as well as to consider external funding opportunities. Funding proposals have already led directly to a range of outcomes including papers and external grant

applications. Our events and activities carried out by the funded projects have also helped build a people and culture that embrace transdisciplinary working. Details of these outcomes from projects funded are given in Appendix II.



## Capacity Building

A core part of MASl’s mission is to build capacity across the university for agile, disruptive, transdisciplinary work, a style and approach that resonates with UKRI and other external funder investment trends. To this end, during the past year the MASl team has organised or been integral to a series of networking, training and proposal shaping events, including:

- Monthly capacity building networking lunches and discussions;
- The MASl Showcase Event bringing together all our funded projects and the wider community;
- Proposal Development – an event to help our community prepare to bid for MASl funds; and,
- UKRI Cross-Council Pilot Scheme “dragons’ den” to support our community in exploring the opportunities of this call.

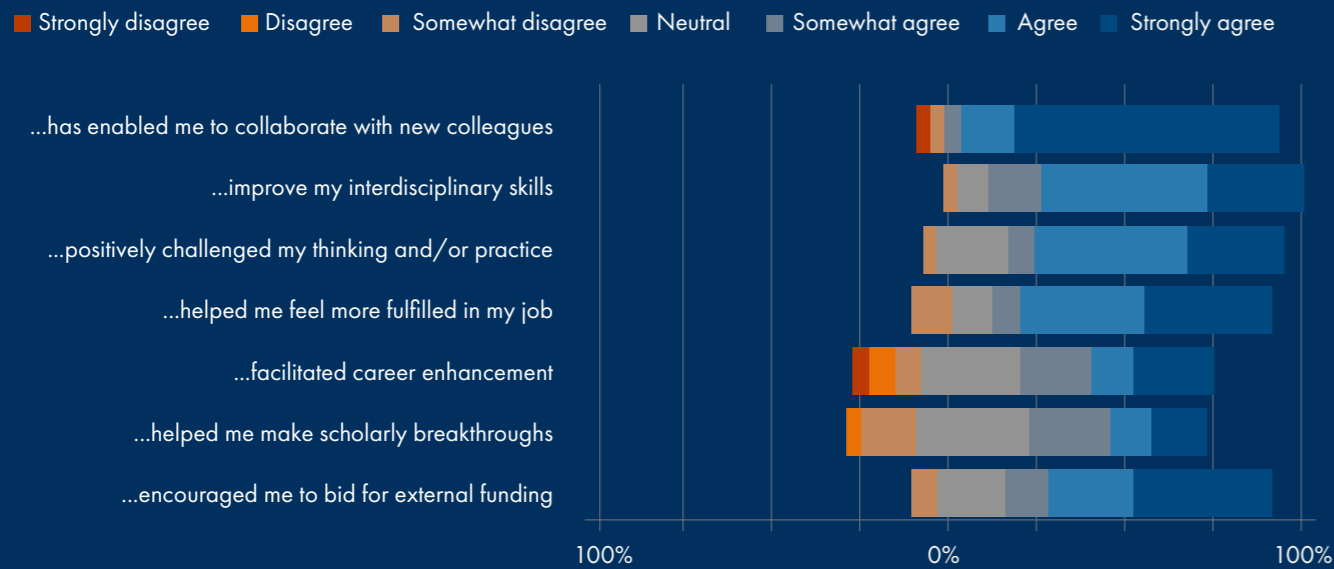
In total 79 colleagues at all career grades (from Postgraduate Research to Full Professor) have been involved in awarded projects (and 36% of these were, Postgraduate Researchers, Post-Doctoral Research Assistants or Lecturers).

In addition, Jones’ was part of a successful £31 m UKRI bid for a transdisciplinary programme on Responsible AI (rai.ac.uk), drawing MASl into this vibrant community. Researchers across our community – in Swansea, the region, Wales and beyond – will be encouraged to apply for funding and to connect across this rich new ecosystem.

One of our goals is to have more colleagues involved in external panels and working with funders. Ian Mabbet (MASl Fellow) & Matt Jones (MASl Director) have recently been appointed as Member & Pool Chair of the UKRI Cross Council College.

While quantifiable outcomes of MASl investments are important, we are pleased too to see positive qualitative responses to a survey sent to all MASl awardees (see Figure 2). In addition, responders provided a “Net Promoter Score” rating of 61 (which is highly positive).

Figure 2: Feedback Survey Results, N=26



## Reflection and Learnings

MASl has positioned Swansea to take advantage over the forms of external funding calls that are emerging from UKRI and beyond. Increasingly, funders are looking for diverse, transdisciplinary teams to act in larger or “high risk, high reward” ways. A notable example of this is the Cross Council Pilot Scheme. The decision by the University in 2019 to create and resource an Advanced Studies Institute was a prescient one which will lead to more competitive bids to these schemes from our community.

While there are clear quantifiable “returns” on the MASl investment (including publications and grant submissions), in talking with members of our community drawn from all stages and across all disciplines, there is an even greater impact. People who engage with MASl feel energised, encouraged and equipped to do excellent research with impact and purpose.

Over this past year, we consulted and debated about evolving our investment strategy towards a more traditional Advanced Studies model with cohorts of Visiting Fellows being funded to join us for a period in Swansea. While there was a great deal of enthusiasm for this, overall it was felt that at this early stage of our development, using our resources to continue the Basecamp and Summit mechanisms was the priority. We will however, revisit alternative and additional initiatives over the coming years.

## The Coming Year

The 2023-2024 projects have been selected and will work on their exciting ideas over the year ahead. As a MASl team we have three clear priorities in this next period – to support further high quality, competitive bids especially to the Cross Council calls; to expand participation and engagement across the University and beyond, so that many others can benefit from the cultural impacts we have seen; and, to ensure a sustainable future for the next phase of MASl’s development.



# APPENDIX I

## FUNDED INVESTMENTS


### 2022-23

## BaseCamp Projects

 **Achieving Agility: Transdisciplinary Postsecondary Education for Wales**

**Lead Proposer:** Dr Natalie Wint (Senior Lecturer, Engineering, Swansea University)

**Co-Proposer/s:** Dr Wayne Thomas (Senior Lecturer, Economics, Swansea University), Dr Adam Mosley (Associate Professor, History, Swansea University), Rhys Jones (Senior Lecturer, Media, Swansea University) Nathalie Al Kakhoun (Research Assistant, Swansea University). Note: Nathalie Al Kakhoun took on the role of Project Lead in February 2023 after Natalie Wint left Swansea University.

 **Title: SUN-CHAT: SUN safety Conversations about Healthy Attitudes to Tanning: exploring perceptions of school children and their parents/carers [Stage 1]**


**Lead Proposer:** Dr Julie Peconi (Senior Research Officer, Health Data Science, Swansea University) & Dr Gisselle Tur Porres (Lecturer in Early Childhood Studies, Education, Swansea University)

**Co Proposer/s:** Dr Rachel Abbott (Consultant Dermatologist, Cardiff and Vale University Health Board and Skin Cancer Prevention Lead for Wales), Ms Kirsty Lanyon (Research Assistant, Health Data Science, Swansea University), Dr Helen Lewis (Associate Professor and Programme director of PGCE Primary Teaching, Swansea University), Dr Emily Marchant (Research Fellow, Child Health and Education Researcher, Swansea University).

 **Title: Creating Sustainable Futures through Game Design**

**Lead Proposer:** Dr Geraldine Lublin (Associate Professor in Modern Languages, Swansea University)

**Co-Proposer/s:** Dr Jennifer Rudd (Programme Manager & Senior Lecturer in Innovation and Engagement, Swansea University), Ms Marina Saez Lecue (Primary Practitioner at Abercynon Community Primary), Dr Sean Walton (Senior Lecturer in Computer Science, Swansea University), Dr Claire Williams (Associate Professor in Psychology, Swansea University).

 **Title: The Welsh language and improving dementia resilience: local action for global impact**

**Lead Proposer:** Dr James T Murray (Senior Lecturer in Biomedical Sciences, Swansea University)

**Co Proposer/s:** Dr Gwennan Higham (Senior Lecturer in Welsh, Swansea University), Professor Andrea Tales (Director of CIA, Awen Institute and CADR, Swansea University)

 **Title: A Social Robot for Mental Wellbeing Co-designed with Older People**

**Lead Proposer:** Dr Deepak Sahoo (Associate Professor in Computer Science, Swansea University)

**Co Proposer/s:** Dr Muneeb Ahmad (Lecturer in Computer Science, Swansea University), Dr Martin Hyde (Associate Professor in Gerontology, Swansea University).

**Project Aim:** The Vision: Network capacity building for a national study lead by Swansea University of bilingualism in Wales for improving cognitive reserve and reducing the risk of cognitive decline and dementia. Promotion of Welsh fluency and proficiency could have potential health locally.

## Summit Projects



**Title: Reframing agency in climate crisis narratives: empowering resilient youth in the Global South and the Global North**

**Lead Proposer:** Dr Frederico Lopez-Terra (Associate Prof in Modern Languages, Swansea University)

**Co Proposer/s:** Dr Geraldine Lublin (Associate Prof in Modern Languages, Swansea University), Dr Alex Southern (Lecturer in Education, Swansea University), Dr Chris Pak (Lecturer in English Literature, Swansea University), Dr Anna Pigot (Lecturer in Geography, Swansea University), Prof Andrew Kemp (School research Lead in Psychology, Swansea University), Dr Panu Pihkala (Eco-anxiety specialist, Helsinki Institute of Sustainability Science, Finland), Prof Roxana Rognitz (Institute of Higher Education (IPA)), Prof Carolina Raimondo Aonso (Institute of Higher Education (IPA)).



**Title: To move forward we need to look back: surfacing the 'legacy' of the colonial and past patriarchal past in modern day STEMM – Year 2**

**Lead Proposer:** Dr Patricia Xavier (FSE)

**Co Proposer/s:** Nathalie Al Kakoun (Engineering), Fred Boy (Business), Ana Da Silva (Medicine), Alys Einon Waller (Midwifery), Catherine Groves (Business).



**Title: Resilience, challenge and change: Learning from nurses' lived experience of the COVID-19 pandemic in Wales and beyond Year 2**

**Lead Proposer:** Dr Ian Beech, College of Human and Health Sciences, Swansea University

**Co Proposer/s:** Professor David Turner, College of Arts and Humanities, Swansea University, Dr Michael Bresalier, College of Arts and Humanities, Swansea University, Dr Sarah Crook, College of Arts and Humanities, Swansea University, Dr Laura Kalas, College of Arts and Humanities, Swansea University, Hywel Thomas, College of Human and Health Sciences, Swansea University, Trudi Petersen, College of Human and Health Sciences, Swansea University, Stephen Mckenna-Lawson, College of Human and Health Sciences, Swansea University.



**Title: MASI – Mumbai Lablet – Year 2**

**Lead Proposer:** Dr Thomas Reitmaier (FSE)

**Co Proposer/s:** Dr Awawing Anjwengwo Andongma (Medicine, Swansea University), Dr Erin P Dooley (Department of Electrical & Electronic Engineering, University of Bristol).



**Title: The Global Climate Lab – Year 1**

**Lead Proposer:** Prof Tavi Murray (Professor in Geography, Swansea University)

**Co Proposer/s:** Professor Kirsti Bohata (Professor in English Literature, Swansea University), Dr Osian Elias (Lecturer in Human Geography, Geography, Swansea University), Dr Ian Mabbett (Associate Professor in Chemistry, Swansea University), Dr Hanna Nuutila (Senior Research Officer in Biosciences, Swansea University), Dr Anna Pigott (Lecturer in Geography, Swansea University), Professor Owen Sheers (Professor in Creativity, English Literature, Swansea University), Dr Merryn Thomas (Research Officer in Biosciences, Swansea University).



**Title: Does trust matter? Setting up a research agenda and a policymaker-engagement toolkit – Year 1**

**Lead Proposer:** Dr Gabriela Jiga-Boy (Senior Lecturer in Psychology, Swansea University)

**Co Proposer/s:** Dr Dion Curry (Associate Professor in Politics, Philosophy and International Relations, Swansea University), Professor Yvonne McDermott Rees (Professor in Law, Swansea University).



**Title: The Development of an Accessible, Diverse and Inclusive Digital Visual Language – Year 1**

**Lead Proposer:** Dr Irene Reppa (Senior Lecturer in Psychology, Swansea University)

**Co Proposer/s:** Dr Cristina Izura (Associate Professor in Psychology, Swansea University), Dr Deborah Morgan (Senior Research officer, Public Health, Swansea University), Jay Morgan, Dr Maria Fernandez Parra (Senior Lecturer in Translation and Interpreting, Modern Languages, Swansea University), Professor Andreas Sonderegger (Professor of Applied Sciences, University of Bern, Switzerland)



**Title: Credentials: increasing health professional students' empathy with deaf patients' experiences through simulated learning – Year 1**

**Lead Proposer:** Dr Julia Terry (Associate Professor in Nursing, Swansea University)

**Co Proposer/s:** Jo Davies (Associate Professor/Director of Simulation Education, Swansea University), Nikki Williams (Lead for Inter-professional Education), Dr Rhian Meara (Senior Lecturer in Geography, Swansea University), Dr Marc Holmes (VR Expert, Swansea University).



**Title: Racism, Digital Discrimination and Mental Health During and After the COVID-19 Pandemic: A case study of East and Southeast Asians (ESEA)1 communities in the UK – Year 1**

**Lead Proposer:** Dr Yan Wu (Associate Professor in Media, Swansea University)

**Co Proposer/s:** Dr Irene Reppa (Senior Lecturer in Psychology, Swansea University), Dr Martin Porcheron (Senior Lecturer in Computer Science, Swansea University).

## Visiting Fellows



**Title: LegalTech for Cybersecurity**

**Lead Proposer:** Dr Livio Robaldo (Senior Lecturer in Computational Law, Swansea University).



## MASI Agenda Setting Events



### Title: Building Resilient Futures: An Agenda-Setting Workshop on Algorithms & Online Harms

**Lead Proposer:** Nicholas Micallef – Lecturer (Computer Science: Faculty of Science & Engineering)

**Co Proposer/s:** Joe Whittaker – Lecturer (Criminology, Sociology & Social Policy: Faculty of Humanities & Social Sciences), Sara Correia – Lecturer (Law: Faculty of Humanities & Social Sciences), Ellie Rogers – Research Assistant (Law: Faculty of Humanities & Social Science).



### Title: Crafting and Communicating Positive Visions of Sustainable Futures

**Lead Proposer:** Dr Amy Isham (Psychology, FMHLS)

**Co Proposer/s:** Professor Andrew Kemp (Psychology, FMHLS), Dr Anna Pigott (Geography, FSE), and Dr Chris Pak (English Literature, FHSS).



### Title: Natural Products – Emerging Opportunities

**Lead Proposer:** Dr. Farooq A. Shah (Manager, Natural Products BioHUB, Swansea University)

**Co Proposer/s:** Dr Geertje van Keulen (Associate Professor, Biomedical Sciences, Swansea University) & Professor Tariq Butt (Professor in Biosciences, Swansea University).

# APPENDIX II

## OUTCOMES

## 2022-23



**Table 3:** Funded work and Outcomes

Investment	Investment Type	Publications
A Social Robot for Mental Wellbeing Co-designed with Older People	Basecamp	Sarah Alhouli, Nora Almania, Muneeb I. Ahmad, Martin Hyde and Deepak Sahoo. 2023. Older Adults' Emotional Challenges and Co-design Preferences for a Social Robot after the COVID-19 Pandemic. 2023 IEEE RO-MAN. <a href="https://ro-man2023.org/main">https://ro-man2023.org/main</a>
The Development of an Accessible, Diverse and Inclusive Digital Visual Language	Summit Year 1	D Earnshaw, J Morgan, C Izura, M Fernandez-Parra, D Morgan, & I Reppa. 2023. Swansea Icon Norms: Ratings of 1,000 icons on 7 scales. Work also presented at the Oriol Science exhibition ( <a href="https://www.oriolscience.co.uk/s-projects-side-by-side">https://www.oriolscience.co.uk/s-projects-side-by-side</a> ).
SunChat: SUN safety Conversations about Healthy Attitudes to Tanning: exploring perceptions of school children and their parents/carers [Stage 1]	Basecamp	Gisselle Tur Porres, Kirsty Lanyon, Rachel Abbott, Helen Lewis, Emily Marchant, Julie Peconi. 2023. SunChat: Exploring perceptions of and attitudes towards tanning with school children, parents/carers, and educators in Wales: A mixed methods protocol (a mixed method protocol) Under peer review for Plos One
Transgender Athletes in Elite Sport	Agenda Setting Event 2022	A Shaw, A.G Williams, G.K Stebbings, M Chollier, A Harvey & S.M Heffernan. 2023.  The Perspective of Current and Retired World Class/ Elite Athletes on the Inclusion and Eligibility of Transgender Athletes in Elite Sport. Under peer review for British Journal of Sports Medicine

Investment	Investment Type	External Grants Awarded
Creating Sustainable Futures through Game Design	Basecamp	Two grants have been awarded totalling nearly £65k. "Mitigating eco-anxiety when doing climate crisis research with vulnerable groups: a multidisciplinary methodological discussion" (NERC Discipline Hopping for Discovery Science) & "Game Changing: Co-created game design for action on net zero and biodiversity" (AHRC Design Accelerators)
An Indo-UK Collaboration in Decarbonisation for Equitable Net Zero Outcomes (ASE 2022)	Agenda Setting Event 2022	India-UK Net Zero Symposium 2023 £10k grant awarded by UKRI

Investment	Investment Type	Internal Grants Awarded
Creating Sustainable Futures through Game Design	Basecamp	"We're all in this together – bridging the gaps between educators to deliver climate change education from Reception to 6th Form" (FHSS UKRI Challenges Fund for 2022-23)
Anti-Asian Racism During and After the COVID	Summit Year 1	An internal Community Hack fund of £500 has been secured entitled "Combatting Anti-Asian Racism Arising from the COVID-19 Pandemic"
Reframing agency in climate crisis narratives: empowering resilient youth in the Global South and the Global North	Basecamp	Multiple Internal Grants have been awarded totalling over £26k. "Swansea – Grenoble Climate Action Language, Culture and Societies Hub", "Mitigating eco-anxiety when doing climate crisis research with vulnerable groups: a multidisciplinary methodological discussion" & "Mapping values and visions of 'The Good Life' at Swansea University."



Investment	Investment Type	Grants Submitted
SunChat: SUN safety Conversations about Healthy Attitudes to Tanning: exploring perceptions of school children and their parents/carers [Stage 1]	Basecamp	UKRI Cross Research Council Responsive Mode Pilot Scheme: round 1 entitled "Children 'Empowering' Children: Raising Critical Awareness and Using Augmented Reality for Skin Cancer prevention in England and Wales"
Building Resilient Futures: An Agenda-Setting Workshop on Algorithms & Online Harms	Agenda Setting Event 2023	UKRI Cross Research Council Responsive Mode Pilot Scheme: round 1 entitled "Empowering Stakeholders: A Framework for Auditing Recommendation Systems"
Creating Sustainable Futures through Game Design	Basecamp	UKRI Cross Research Council Responsive Mode Pilot Scheme: round 1 entitled "How does teachers' sense of cynefin affect their approach to providing climate change education?"
Reframing agency in climate crisis narratives: empowering resilient youth in the Global South and the Global North	Agenda Setting Event 2022	Human(ities)-Centred Design for a Biophilic Nation (Designed for Life (AHRC)) & "Resilience and Empowerment in Climate Fiction Communication – Global South and North Epistemologies" (Climate Emotions to Save the World)
Does trust matter? Setting up a research agenda and a policymaker-engagement toolkit	Summit Year 1	Proposals have been submitted entitled "Audience perceptions of trust in non-combatant Task Force teams" (Defence and Security Accelerator), "Harnessing social norms and communication styles to increase trust in vaccines" (British Academy's social call "Pandemic Preparedness: Lessons to Learn from COVID-19 across the G7"), "Misperceptions of trust" (Faculty of Medicine, Health and Life Science PhD scholarship fund) & "Do politicians trust citizens?" (Faculty of Medicine, Health and Life Science SURES PhD scholarships)

Investment	Investment Type	Outcomes
To move forward we need to look back: surfacing the 'legacy' of the colonial and past patriarchal past in modern day STEM	Summit Year 2	Held a National workshop addressing neoliberalism in Engineering Education. Conducted Interviews with STEM academics identifying dominant values & Collected over 200 Psychometric questionnaires on values and perfectionism
MASI Mumbai Lablet	Summit Year 2	Worked with Farmers in India to co-create datasets and develop systems to detect roaming peallfowl so that farmers can take appropriate action and reduce crop damage
The Development of an Accessible, Diverse and Inclusive Digital Visual Language	Summit Year 1	Conducted large-scale studies to collect icon norms from volunteers. Also displaying their work in Oriel Science Swansea
The Global Climate Lab	Summit Year 1	Collaboration between scientists, engineers and artists using online workshops where guest artists participate alongside the scientists and are invited to offer 'creative responses' in their chosen medium, whether using writing, video, sound installation, performance, or visual art
Anti-Asian Racism During and After the COVID	Summit Year 1	Through the face-to-face meeting and brainstorming sessions with Bournemouth University, the researchers identified common research themes, shared methodologies, and discussed ways to integrate their expertise for more comprehensive investigations. In December 2022 a half-day Focus Group was held with External Partners including Chinese in Wales Association & Race Council Cymru. They also ran The Community Hack Project in June 2023. Both events proved to be a remarkable platform for fostering community engagement and collaboration. We successfully invited members from various generations and walks of life, bringing forth a rich tapestry of perspectives on issues and concerns relating to racial equality in Wales



Investment	Investment Type	Outcomes
Does trust matter? Setting up a research agenda and a policymaker-engagement toolkit	Summit Year 1	Conducted a mini literary review on Trust. Building Trust Lab website for informing as well as communicating. Will go live soon. Attended a conference in Krakow for Social Psychology Researchers in Europe
Credentials: increasing health professional students' empathy with deaf patients' experiences through simulated learning	Summit Year 1	Gathered baseline knowledge about patient experiences through in person and online action research workshops in Deaf clubs in Wales with d/Deaf people. This will assist in building a VR Prototype to assist Healthcare Professionals when interacting with d/Deaf patients. A literature research is also underway to help students and health professionals improve their empathy
Welsh and dementia resilience: local action for global impact	Basecamp	Sandpit Event held on the 31st of March 2023 was a great success, with more than 40 individuals in person and similar numbers online. It was a bilingual event and focused on building capacity for a programme grant pitch to either a UKRI call or the government to look at Welsh bilingualism and dementia resilience
Creating Sustainable Futures through Game Design	Basecamp	Games Design workshops were delivered on a sustainability theme to circa 270 Year 5 and Year 6 pupils in 4 schools in the "Swansea Bay" area (2 x Swansea, 1 in Llanelli & 1 in Port Talbot)
Reframing agency in climate crisis narratives: empowering resilient youth in the Global South and the Global North	Basecamp	A publication of the first volume of Climate fiction stories in Spanish has been created in collaboration with students, graphic artists, and creative writers in Uruguay
Achieving Agility: Transdisciplinary Postsecondary Education for Wales	Basecamp	Conducted surveys with Year 11 and University level participants to ascertain 1. How do perceptions of disciplinary status impact upon subject choices & 2. How do disciplinary hierarchies impact upon our ability to engage in multi, inter & transdisciplinary work?
A Social Robot for Mental Wellbeing Co-designed with Older People	Basecamp	Two workshops took place using various tasks to explore their emotional challenges via storyboarding and introduce different types of social robots to the participants. This data was then analysed to highlight older adults' emotional challenges and design choices of a social robot

Investment	Investment Type	Outcomes
LegalTech for Cybersecurity	Visiting Fellow	Prof. Rafael Diaz and colleague Prof. Katie Smith visited Swansea University for the period of two weeks in April 2023 and conducted workshops, talks and a poster presentation during the MASI Showcase
Crafting and Communicating Positive Visions of Sustainable Futures	Agenda Setting Event 2023	The Agenda Setting Event on 13th & 14th July 2023, had around 30 attendees from across academic disciplines, charities, Public Health Wales, and Welsh Government. The atmosphere was wonderful and has had so much positive feedback from attendees saying how much they enjoyed making new connections to follow up on
Natural Products – Emerging Opportunities	Agenda Setting Event 2023	This Agenda Setting Event on 18th & 19th July 2023, had 70 delegates representing academia, industry, and public bodies
Building Resilient Futures: An Agenda-Setting Workshop on Algorithms & Online Harms	Agenda Setting Event 2023	The Agenda Setting Event on 20th June 2023 had 20 attendees, that included colleagues from government and the civil service (Ofcom; Information Commissioners Office); law enforcement (Europol); tech companies and practitioner organisations (Tech Against Terrorism; Moonshot). They brought in thought leaders from all three university faculties as well as academic colleagues from other universities. Post event feedback suggested that the day was engaging and helpful for their future work in this field

Investment	Investment Type	Partnerships
A Social Robot for Mental Wellbeing Co-designed with Older People	Basecamp	Swansea City Council (ageing workshop, Ageing Well beach festival), Awen Institute, Swansea University (Open Day demo and stakeholders' demo), Age Cymru (recruited participants for workshops), Swansea City FC (demo to local businesses)
SunChat: SUN safety Conversations about Healthy Attitudes to Tanning: exploring perceptions of school children and their parents/carers [Stage 1]	Basecamp	Dr Rachel Abbott from Cardiff and Vale UHB
Building Resilient Futures: An Agenda-Setting Workshop on Algorithms & Online Harms	Agenda Setting Event 2023	Ofcom, Information Commissioner's Office, Europol, Tech Against Terrorism, RESOLVE Foundation, Moonshot
Creating Sustainable Futures through Game Design	Basecamp	Ms. Marina Saez Lecue, Central South Consortium, Sandfields Primary School, Ysgol Pen Rhos, Clwyd Community Primary School, Sea View Community Primary School
Anti-Asian Racism During and After the COVID	Summit Year 1	Lancaster University, Bournemouth University, Chinese in Wales Association, Race Council Cymru, African Community Centre Wales
Reframing agency in climate crisis narratives: empowering resilient youth in the Global South and the Global North	Basecamp	Université Grenoble-Alpes, Universidad de Alcalá de Henares, Universidad Complutense de Madrid, Universidad Autónoma de Madrid, Universidad de Salamanca, Latin American partners in Uruguay, including artists, education practitioners, and social actors/activists, Institute of Higher Education, Uruguay

Investment	Investment Type	Partnerships
Crafting and Communicating Positive Visions of Sustainable Futures	Agenda Setting Event 2023	Climate Psychology Alliance, Cae Felin CSA, Welsh Government, Public Health Wales, Natural Resources Wales, Down to Earth, Centre for the Understanding of Sustainable Prosperity, University of Nottingham, Dublin City University & Finland Futures Research Centre, Schumacher Institute for Sustainable Systems, Global Action Plan, University of Essex, Adfree Cities, University of Surrey, Centre for Climate Change and Social Transformations
Natural Products – Emerging Opportunities	Agenda Setting Event 2023	The Arctic University of Norway, Kings College London, DTU Biosustain, Fluminense Federal University, Hacer developments, Gower Seaweed, Bioextractions, University of Aberystwyth, Medina, Indigena Ltd, Bristol University, University of Aberdeen, Agile Solutions, Pinnaderm, Faculty of Tropical Agrisciences, Wageningen University, University of Orleans, Phytoquest, Zimmer & Peacock, Pukka Herbs, Gwymon, Helmholtz Centre for Infection Research (HZI), Germany, Fraunhofer University, Agroceutical, Garden of Wales, AMPLY Discovery, Federal University of Rio de Janeiro, Ghent University, John Innes Centre, Kew Gardens, New England Biolabs, Swansea City Council
An Indo-UK Collaboration in Decarbonisation for Equitable Net Zero Outcomes (ASE 2022)	Agenda Setting Event 2022	Tata Capital Cleantech Ltd, BHU, Varanasi, BIPVCo, DST, Ecossequestration Trust, EPSRC, IICT Hyderabad, IISc, Bangalore, IISER Pune, IIT Bombay, IIT Kanpur, IIT Madras, Imperial College, JNCASR, Lancaster University, London South Bank University, NCL, NSG-Pilkington, Scotland's Rural College, Edinburgh, SunriseCSP, Tata Institute of Social Science, UKRI, Ulster University, Univ. South Florida, University of Cambridge, University of Mysore



Investment	Investment Type	Partnerships
Transgender Athletes in Elite Sport	Agenda Setting Event 2022	Francine Hetherington Raveney (she/her), Deputy Executive Secretary of the Enlarged Partial Agreement on Sport (EPAS), Council of Europe, Abby Barras (she/her) and Verity (Vez) Smith (he/him), Mermaids, Madeleine Pape (she/her), Postdoctoral Researcher, University of Lausanne, Sone Erikainen (they/them), University of Aberdeen, Professor Cesar Torres, SUNY Brockport (Brockport, NY), USA, Irena Martinkova, Associate Professor of Kinanthropology, Jim Parry, Visiting Professor of Philosophy of Sport, Charles University in Prague, Czech Republic, Jo Harper, Loughborough University, Blair Hamilton (she/her), Brighton University, Hugh Torrance (he/him), LEAP Sports Scotland, Tim Naylor (he/him), Director of Integrity and Regulation and Naomi Howgate, Head of Diversity & Inclusion, British Horseracing Authority, Genevieve Gordon-Thomson, CEO Tactic Connect and Director Centre for Research of Sport, Technology and Law, De Montfort University, Jason Webber (he/him), Equality, Diversity, Inclusion & Integrity Manager, Football Association Wales, Jeff Whitley, Player Wellbeing Executive, Professional Footballers' Association
The Global Climate Lab	Summit Year 1	Fern Smith at Emergence ( <a href="http://emergence-uk.org">emergence-uk.org</a> ), Carolina Caycedo, Inaugural Latinx Artist Fellow & Borderlands Fellow, Vera List Center for Arts & Politics, Christine Kettaneh, Lebanese Artist based in Beirut, Marega Palser; Dancer & Performance Based Visual Artist
Credentials: increasing health professional students' empathy with deaf patients' experiences through simulated learning	Summit Year 1	Swansea Centre for Deaf People, Llanelli Centre for Deaf People, ReScape – VR, Cathie Robins-Talbot – Independent Deaf Consultant, Hywel Dda University Health Board
LegalTech for Cybersecurity	Visiting Fellow	Rafael Diaz PhD, School of Cybersecurity, Norfolk

Investment	Investment Type	Partnerships
Welsh and dementia resilience: local action for global impact	Basecamp	Max Planck Institute for the Study of Religious and Ethnic Diversity, Adam Mickiewicz University, Poland, Caerphilly County Borough Council, Aneurin Bevan University Health Board, Denbighshire County Council, Rural Health & Care Wales, The People's Library, Open University, Cardiff & Vale University Health Board, Cardiff Metropolitan University, IAITH Cymru, Pembrokeshire Association of Voluntary Services, Carmarthenshire County Council, Cwm Taf Morgannwg University Health Board, My Choice Healthcare, Hengoed Care, Aberystwyth University, Sunset West Care Group, Psychology Wales, University of Wales Trinity Saint David, North Bristol NHS Trust, Betsi Cadwaladr University Health Board, Parents for Welsh Medium Education

Investment	Investment Type	Impact
Building Resilient Futures: An Agenda-Setting Workshop on Algorithms & Online Harms	Agenda Setting Event 2023	Qualitative questions were also asked on future research and challenges that we face. Our participants responded that the use of niche platforms, increasing transparency, measurement of policy responses, will help us when designing external funding applications
Anti-Asian Racism During and After the COVID	Summit Year 1	The project hired two PhD students as Research Assistants. One from Liverpool University and another from Lancaster University. Both RAs felt that the research process offered them an opportunity to acquire comprehensive skill sets, enhance quantitative and qualitative research methodologies. This led future career development for one of the RA's who secured a role as a full-time researcher in China
Reframing agency in climate crisis narratives: empowering resilient youth in the Global South and the Global North	Basecamp	The project has been instrumental in building strong connections, both within the newly formed team and with colleagues around the world

Investment	Investment Type	Plans
SunChat: SUN safety Conversations about Healthy Attitudes to Tanning: exploring perceptions of school children and their parents/carers [Stage 1]	Basecamp	The Project Team made several new connections through attending the MASI monthly meetings and workshop events and have been asked to collaborate on future funding proposals using a child centered approaches to research. They felt more than anything, was the level of inspiration that the project team felt, being a part of MASI. Being able to be a part of such an innovative and progressive group of people was extremely motivating. They are committed to keeping up the level of commitment and keep moving forward in their research
Reframing agency in climate crisis narratives: empowering resilient youth in the Global South and the Global North	Basecamp	A Strategic Partnership has been developed with the Research Lab ILCEA4 at the Université Grenoble-Alpes, and funding has been granted to organise bi-annual conferences for 2 years, starting in November 2023. The conferences will focus on "Narratives and stories about climate change (end of the 20th and 21st centuries)". They are in the process of developing a European network with colleagues including prestigious Spanish institutions such as Universidad de Alcalá de Henares, Universidad Complutense de Madrid, Universidad Autónoma de Madrid, and Universidad de Salamanca. Strong links have been developed with Latin American partners in Uruguay, including artists, education practitioners, and social actors/activists. The project has received a lot of attention from other countries that would like to join us in future iterations, such as Argentina, Chile, Brazil, Mexico, the US, France, Spain, England, Wales, and Italy. They have also been invited to present provisional results at talks and conferences, nationally and internationally

Investment	Investment Type	Plans
Crafting and Communicating Positive Visions of Sustainable Futures	Agenda Setting Event 2023	<p>Connections were made with a local community supported agriculture initiative and have visited their site on Morrision Hospital. They are going to collaborate with them on a PhD studentship that is starting in October. Also discussing collaborating on data collection for a project on nature-based activities and wellbeing. A Blog has been written for a charity who attended the event and just have been asked by Public Health Wales to write a blog for their new website focused on understanding mental wellbeing.</p> <p>All attendees are very keen to contribute to the white paper so an altered version will be explored for an academic journal. An academic from Nottingham University has asked to contribute to a funding proposal on wellbeing for the future and discussions with attendees from Adfree Cities about putting together a bid for a project on public advertising and wellbeing are taking place. There is great appetite to maintain the small community built during the event</p>
MASI Mumbai Lablet	Summit Year 2	Currently exploring ERC Starting Grant as well as in response to Responsible AI calls. There is no doubt in PI's mind that the research conducted through MASI was instrumental in shaping their outlook and perspectives, and ultimately set them apart from a competitive pool of applicants when interviewed for the Lectureship post
Natural Products – Emerging Opportunities	Agenda Setting Event 2023	Follow on meetings are in progress to discuss and develop potential funding opportunities
Welsh and dementia resilience: local action for global impact	Basecamp	As the Faculty of MHLS has now formed 4 virtual Institutes, James Murray and Andrea Tales sit within the "Healthy Ageing and Chronic Diseases" Institute, and are both on the steering committee. At the first steering committee, they discussed their approach, but also mentioned that Wales lacks a longitudinal approach to ageing and chronic diseases. They have since been asked to coordinate a workshop (the virtual Institutes first) to discuss establishing 'The Welsh longitudinal study of ageing', with Swansea spearheading this. A Welsh longitudinal study on ageing would incorporate all the best practices from the Irish, Northern Irish and English equivalents (TILDA, NICOLA and ELSA, respectively). This will be the major output of the Base Camp funding