UCL Environment Domain: Health Working Group

Co Chairs – Professor Nick Tyler and Professor Dan Osborn

Strategic Research Facilitator – Dr Becca Burns

Twitter @environ_domain #UCLEnvironment

Environment@ucl.ac.uk
The UCL Research Domains are large, cross-disciplinary research communities that span UCL and our partner organisations, fostering interaction and collaboration.

There are 8 research domains at UCL:
Neuroscience, Personalised Medicine, Populations and Lifelong Health, Cancer, Environment, eResearch, Collaborative Social Science and Food, Metabolism and Society.

“UCL Environment Research Domain aims to bring together the depth and breadth of environmental expertise at UCL and promote cross disciplinary action from a range of theoretical perspectives to make our subject specific expertise greater than the sum of its parts.”
Research Facilitation

Support researchers to identify potential funding sources for their research and to develop strong applications with the best possible chance of success

Coordinating and developing large-scale strategic bids and, where appropriate, providing central management of responses to research funding calls

- **Supporting** research bids and proposals via 1:1 bookable sessions, briefings, mock interviews and proposal feedback
- **Communicating** funding opportunities via the monthly news bulletin, the website and twitter
  - **Sharing** outcomes and research practices
  - **Co-ordinating** responses to funding calls- including NERC standard grants

Community Building

Support academic and research staff overcome barriers to collaboration across disciplines in their research, innovation and educational activities

Build ambitious, well-connected, interdisciplinary research communities, which connect researchers who might not have previously collaborated

- **Events**: community building workshops, Environment Domain Launch Event and more to come
- **Networks**: EDEN, Working Groups, Strategic Advisory Board
- **Communications**: blogs, articles, news bulletin, twitter
- **Collaborations** with: UCL Press, Research Domains, BEAMS team, UCL Public Policy, EDEN, external
Get involved

• **Workshops:**
  • 21 November – Urban Malet Place Engineering Building 1.20

• **Working group theme leads and supports** – contact environment@ucl.ac.uk if you’re interested

• Submit notices for the news bulletin, website or twitter

• Launch Event: 31 January 2019

• Add the Environmental Theme to your Iris profile to join the list of researchers on Environment Domain Website

• EDEN
Find out more

- Environment@ucl.ac.uk
- Twitter @environ_domain
- Website: https://www.ucl.ac.uk/research/domains/environment
EDEN
(Environment Domain Early-Career Network)

How to join us:
Mailing list subscription link on EDEN webpage:
http://www.ucl.ac.uk/research/domains/environment/eden

Email: vpro.eden@ucl.ac.uk
Twitter: @UCL_EDEN

Upcoming events:
Writing Retreat 7-9 November 2018 (2 more in 2019)

Career talk: Do’s and Don’ts of The Early Academic Career (at AGM in early February 2019)

Conference on Forests with IAS: mid-June 2019
What is UCL Public Policy?

UCL Public Policy connects researchers with policy professionals, to inform policy with evidence.
Why UCL Public Policy?

Research Landscape
“30% of our impact case studies submitted to the REF 2014 were related to public policy.”

Academics
Promote the value and usefulness of your research
Strengthen the case for research funding
Shape further research needs and priorities
Showcase yourself, and your institution
Understand how to make your research more impactful
Transfer your knowledge to the wider community
Create societal impact for the greater good
… how UCL Public Policy works…

- Academic-policy roundtables
- Training Policy 101
- Policy Fellowships
- Small Grants
- Policy Commissions
- UCL Public Policy Board
- UCL Policy Champions
- Policy Dialogues

Bespoke Model!
Keep Up to Date

Policy Postings
Building connections between research and policy

Tilting the Balance
Alexander Nia, of the now defunct Cambridge Analytica, observed that to drive human actions a narrative doesn’t have to be true, it just...

Using the Corporate Toolkit to Fix Public Ills
Conventional thought dictates that the role of government is to regulate and the role of business is to generate profits.

Why Connect Research and Policy?
We asked academics and policy professionals to tell us why they think it is important to connect research and policy.

UCL Public Policy News, events and opportunities: Oct 2018

In this edition:
What would your ten climate policy tips? Enter our competition! | Write
UCL and Brexit

Brexit presents new challenges for UK universities. On this site, you can find out how UCL plans for and responds to these – by supporting our staff and students, informing the Brexit debate, strengthening our European partnerships, and facilitating continued access to EU programmes.

Support for the UCL community
- FAQs for EU students
- FAQs for EU staff
- Immigration Loans
- Applying for EU research funding
- Brexit Mitigation Group

Policy engagement and partnerships
- UCL statements and strategic activity
- UCL research informs policy
- Partnerships with Europe
- Cities partnerships Programme

UCL research and Brexit
- UCL Brexit Hub
- UCL Brexit Blog
- Brexit Experts Database
- UCL success in H2020
Got an Idea? Get in Touch

UCL Public Policy

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UCL Press Open Access Megajournal

Ian Caswell
Journals Manager, UCL Press
What is UCL Press doing?

Open, transparent, and accountable | Diverse research outputs | Universal and unrestricted dissemination
Author submits to megajournal

Editor checks for suitability

Pre-print server

ORCID

Paper posted to online pre-print environment for peer review (assigned a pre-print DOI)

Once acceptable, Editor makes accept decision on version

Accepted version copyedited and typeset for publication

Published in journal (assigned a journal DOI) with links to previous versions and reviewer comments

ORCID

Pre-print server

Author posts responses alongside the paper and reviewer reports

ORCID

Pre-print server

Author decides to revise - new version posted online to pre-print server alongside all previous versions

ORCID

Pre-print server

Openly signed reviewer reports are posted alongside the paper and assigned a pre-print DOI

ORCID

Pre-print server
Why are we doing this?

“Peer review is the worst form of evaluation except all those other forms that have been tried from time to time”

—with apologies to Winston Churchill

Source: Open Scholarship Initiative Proceedings https://journals.gmu.edu/osi/article/view/1747/1196
UCL signs San Francisco Declaration of Research Assessment

20 January 2015

UCL has signed the San Francisco Declaration on Research Assessment (DoRA), which acknowledges weaknesses in the use of the Journal Impact Factor (JIF) as a measure of quality, since this measure relates to journals as a whole and not to individual articles. Recognising that research results in outputs other than journal articles, DoRA also attempts to identify new routes to research evaluation.

http://www.ucl.ac.uk/news/staff/staff-news/0115/16012015-ucl-signs-declaration-on-research-assessment
Impact factor culture

A simple proposal for the publication of journal citation distributions

Vincent Lariviere, Veronique Kiermer, Catriona J MacCallum, Marcia McNutt, Mark Patterson, Bernd Pulverer, Somiya Swaminathan, Stuart Taylor, Stephen Curry

doi: https://doi.org/10.1101/062109

This article is a preprint and has not been peer-reviewed [what does this mean?]

https://www.biorxiv.org/content/early/2016/09/11/062109
Open Science – some considerations

What is Open Science? It is endeavoring to preserve the rights of others to reach independent conclusions about your data and work.

(Source: Catriona J. MacCallum)

https://casrai.org/credit/
What we want from you

- Consider submitting
- Feedback – how to get involved
- How open science affects you

www.ucl.ac.uk/ucl-press
UCL Grand Challenges
Office of the UCL Vice-Provost (Research)

Nina Quach
The Grand Challenges convene and cultivate cross-disciplinary collaborations that explore joined-up solutions in six areas related to matters of pressing societal concern.
Cross Disciplinary Working
A major part of the Grand Challenges approach is bringing researchers together from diverse disciplines.

Funding Opportunities
Grand Challenges funding for UCL researchers supports projects that address societal problems.

Work With Us
We welcome collaborations with all parts of UCL, other educational institutions, charities and others.

Events
Come together with the finest minds to discuss, debate and explore topics through a cross disciplinary lens.
Grand Challenges Funding Opportunities

**Academic led**
Researcher-proposed cross-disciplinary activities supported through an annual small grants scheme and an annual doctoral student scheme
(announced ~Feb)

**GC strategic**
Initiatives agreed by Grand Challenge steering committees and developed through special calls for proposals focused on priority themes
(throughout the year)
Current Funding Opportunities

**Health Systems** – deadline 3rd Dec
  - Pre-submission Q&A and partnering session 16th Nov

**Embedded Inequalities** – deadline 3rd Dec

Coming soon:
- The social impact of AI
- Environment and Wellbeing
- Disability
Pan-Grand Challenges themes
Topics that relate to all six GCs. One or two initiatives are introduced annually.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Year</th>
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<td>Adolescent Lives</td>
<td>2017-18</td>
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<tr>
<td>Society’s Response to Ageing</td>
<td>2017-18</td>
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<tr>
<td>Migration &amp; Displacement</td>
<td>2018-19</td>
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<td>Transformative Cities</td>
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<td>Access &amp; Participation</td>
<td>TBA</td>
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<tr>
<td>Food</td>
<td>TBA</td>
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Further Information

GC website: https://www.ucl.ac.uk/grand-challenges/

GC blog: http://blogs.ucl.ac.uk/grand-challenges/

@UCL_GC

James Paskins Sustainable Cities / Transformative Technologies
Siobhan Morris Justice & Equality / Cultural Understanding
Nina Quach Global Health / Human Wellbeing
Researcher Slides
Jenny Mindell
Dr Jennifer Mindell
Professor of Public Health
Health & Social Surveys Research Group
Dept Epidemiology & Public Health

j.mindell@ucl.ac.uk  @j_mindell

X 41269

• Lead UCL Health Survey for England team
• Editor-in-chief Journal of Transport and Health
Past research

• Transport & health
  • Variations in fatality rates by age, gender, deprivation & travel mode

• The barrier effects of busy roads on local residents (community severance)
  www.ucl.ac.uk/street-mobility
Current & future projects

• Health Effects of Energy Efficiency and Ambient Temperature
  • Using ELSA data (and HSE??) linked to Met Office temperature, BEIS National Energy Efficiency Dataframework (NEED), mortality, HES
  • Working with UCL’s Centre for Energy Epidemiology in Bartlett Faculty of the Built Environment
  • Just applied to Dunhill Medical Trust

• Transport and health:
  • Applying recent England methods to Chile, Brazil, & Cuba (funding needed – any suggestions?) and New Zealand

• Always looking to be involved in research projects (with salary funding!)
Many studies report **climate change** to be the main driver of VBD emergence.
The impact of other global change drivers such as **land use change** and **socioeconomic factors** on the global distribution of VBDs has been relatively understudied.

**Interactions** between different drivers may positively or negatively impact VBD risk and global health.
Dr Evangelia Chrysikou
Medical architect
Lecturer, Program Leader MSc Healthcare Facilities
The Bartlett Real Estate Institute,
University College London UK
D4 Action Group Co-ordinator, EIP on AHA,
European Commission

Policy
Provision
HR
Finance
Patient
Pathology & Physiology
Built Environment

Medical architecture
The SCP Model

Grand challenges UCL

Memo

Healthcare Facilities
Mental Health Facilities
Underground Station

Butterfield award

EIP on AHA (EC)

PEMETH project EC

Policy EC

Marsden Fund NZ

The Hogeweyk

Indicative projects

Dr Evangelia Chrysikou - e.chrysikou@ucl.ac.uk
Areas of focus
- **Everything** healthcare
- Health Systems, Services & Technologies
- Primary Care
- Hospitals & Complex Facilities
- Long-term Care
- Ageing (Fourth Age)
- Facilities for dementia
- Healthcare Inequalities
- Mental Health
- Medical Tourism

Publications
- Chrysikou, E., 2018. Why we need new architectural and design paradigms to meet the needs of vulnerable people. *Palgrave Communications* (4):116
  www.nature.com/palcomms

Dr Evangelia Chrysikou - e.chrysikou@ucl.ac.uk