

Giles Lane FRSA

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Nationality: British

Skills

Strategic Problem Discovery & Solving	Creative Vision & Futuring	Critical & Systemic Thinking	Engagement & Participatory Process Design
Workshop/Masterclass Design/Facilitation	Facilitating Collaboration	Leadership & Project Management	Mentoring

Experience

I am a highly experienced and adaptable creative leader and visionary who has worked across multiple fields and sectors since 1990. I founded and direct non-profit creative studio Proboscis (since 1994), as well as working as a freelance consultant and as a researcher with industry and academia.

Achievements

- Raised £2m+ for projects I have led or co-led;
- Created CRD RESEARCH imprint at the Royal College of Art (1998);
- Founded groundbreaking transdisciplinary collaboration between Royal College of Art & London School of Economics (*SoMa – Social Matrices*, 2001);
- Devised a unique hybrid digital/physical book format (*Diffusion*) and self-publishing platform (bookleteer.com);
- Producer of a film/installation by renowned director Andrew Kötting (*Mapping Perception*);
- Awarded Independent Research Organisation status by UK Gov (as first and only artist-led organisation);
- Co-founded *Manifest Data Lab* transdisciplinary research group at Central Saint Martins UAL (2019)

Employment History

1994-present	Founder & Managing Director of Proboscis, a non-profit artist-led organisation. proboscis.org.uk
2019-22	Specialist Researcher in Art-Science & Co-Founder, <i>Manifest Data Lab</i> , Central Saint Martins University of the Arts London: “Materialising Data, Embodying Climate Change” a 3 year AHRC-funded research project
2007-10	Visiting Tutor & Research Consultant, Goldsmiths University of London MA Design Critical Practices, Design Department
1998-2002	Research Fellow, Royal College of Art, London – Research Fellow, School of Communications, 2001-2002 – Writer, Editor & Curator for Computer Related Design Research Studio (founding editor of CRD RESEARCH publishing imprint), 1998-2001
1992-1993	Founder and Curator, KROL, Bloomsbury London artist-run space curating exhibitions, performances and screenings of experimental film & video
1990-1994	Freelance artist, writer and filmmaker Writing, editing, photography and filmmaking mainly in conjunction with independent architecture practices in London

Professional Affiliations

2022 (ongoing)	Visiting Research Fellow, Central Saint Martins University of the Arts London
2019-22	Co-Founder, <i>Manifest Data Lab</i> at Central Saint Martins UAL

2016-18	Research Associate, Human Centred Computing Research Group, University of Oxford
2014-18	Honorary Research Associate, ExCiteS (Extreme Citizen Science) Research Group, Dept of Civil, Environmental and Geomatic Engineering, University College London
2014-15	Creativeworks Entrepreneur-in-Residence, School of Computer Science & Information Systems, Birkbeck University of London
2010 (ongoing)	Research Affiliate, Crucible Art-Science Research Network, University of Cambridge
2008 (ongoing)	Fellow of Royal Society for the Encouragement of Arts, Manufactures and Commerce (RSA)
2001-10	Research Associate, Media & Communications, London School of Economics & Political Science

Education

Goldsmiths University of London	BA Hons (1 st class), English Literature and History/Theory of Art
Reigate College, Surrey	A Levels: English Literature, History, Latin, Ancient Greek (AS Level)

Personal Statement

I am an artist, designer, researcher and consultant. My work addresses how people create and share knowledge, stories and experiences – making the ephemeral and invisible tangible; giving shape and form to abstract knowledge and unfathomable experiences. It aims to stimulate new kinds of perception of the world we live in and our relationships to it and to each other. The projects I devise and lead focus on processes of ‘storymaking’: creating situations for the participants to experience ‘uncommon insights’. It is both participatory and socially engaged – employing methods of co-discovery, co-creation and co-design in generating the artefacts that share and communicate these experiences. Such artefacts include films, publications, online media, physical objects, site-specific and gallery-based installations. These complement event-based activities – from walks to talks to workshops and performances.

For over 30 years I have sustained a practice whose ethos is fundamentally collaborative and transdisciplinary. All my projects involve collaborations with others across a wide range of disciplines and sectors. I have worked with other visual and sound artists, architects, anthropologists, writers, theatre makers, musicians, sociologists, designers, filmmakers, medical researchers, technologists, computer scientists, geographers, ethnographers, community development practitioners, security researchers, government and policymakers. As a creative, my role in these collaborations is often to conceive of and set the scene of the collaboration, then to act as the bridge between partners who would not normally work together. This affords me significant agency in holding together the creative tension that binds such disparate collaborators. It is also implies responsibilities and obligations.

In 1994 I founded Proboscis, a non-profit artist-led organisation, which I continue to direct. In 2005 it became the first artist-led organisation to be given ‘Independent Research Organisation’ status by the UK Research Councils. In 2019 I co-founded the Manifest Data Lab at Central Saint Martins, University of the Arts London where I am currently a Visiting Research Fellow.

Selected Projects

2019-22 *Materialising Data, Embodying Climate Change*
A 3 year AHRC-funded research project in collaboration with Prof. Tom Corby (Central St Martins, UAL); Prof. George Roussos (Birkbeck UoL) & Dr Louise Sime (NERC British Antarctic Survey).
Devising and exploring the potential for *Empathic Encounters* with complex interconnected climate data sets to make abstract data and concepts more meaningful and tangible to the general public.

2021 *YSkills Youth Digital Skills Workshop*
I adapted a previous toolkit from the *Cities of Refuge* project for the EU-funded *YSkills* project, creating workshop materials and a Facilitator Guide to be delivered in multiple languages and in multiple places across Europe with young refugees.

2020 *UnBias AI For Decision Makers*
I created a companion practical ethics and governance toolkit for those creating & delivering automated decision making systems. Commissioned by Ernst & Young Global Services.

2018 *Forma:Archiving & Documenting Performance*
I collaborated with Forma Arts & Media to devise a creative strategy, talks programme and artistic engagement on archiving and documenting performance-based work.

2018 *Single Library Digital Presence*
A commission by the British Library to devise and facilitate a series of workshops with library users across the UK exploring the needs and desires of public library users for digital services as part of a user-centred design engagement process for the Single Library Digital Presence project.

2018 *Cities of Refuge*
I collaborated with the London School of Economics (Media & Communications) on a series of workshops with refugees and their local supporters in three cities: London, Athens & Berlin. The project sought to gain insights into experiences of migration in these three places and to examine the role of digital communication in the making of cities of refuge.

2016-18 *UnBias: Emancipating Users Against Algorithmic Biases for a Trusted Digital Economy*
I collaborated with the Universities of Oxford, Nottingham and Edinburgh on a research project exploring bias and fairness in algorithms, especially with regard to social media. I led the co-design of a “fairness toolkit” including awareness and empowerment tools for young people and an empathy tool for developers, platform owners and policy makers.

2015-19 *TK Reite Notebooks*
A 5 year collaboration with Prof James Leach (UWA/CREDO) and Reite villagers in Papua New Guinea and Vanuatu to co-design a hybrid digital/physical toolkit for self-documentation of Traditional Knowledge by indigenous communities. Supported by The Christensen Fund (USA).

2014-15 *Reenactments*
I was commissioned by curators Michelle Kasprzak and Boris Debackere of V2 Lab in Rotterdam to re-enact texts by CP Snow – “The Two Cultures”; Marshall Berman – “All That Is Solid Melts Into Air” and Norbert Wiener – “On Man and Machine”. The respective performances took place at V2 Rotterdam and Somerset House in November 2014; Slade School of Art in November 2015; and at V2 Rotterdam in December 2015.

2014 *Traumatic Brain Injury Rehabilitation Tool*
I consulted for the Movement Science Research Group at Oxford Brookes University on social engagement and user experience design as part of their development of a prototype tool for documenting rehabilitation experiences of survivors of traumatic brain injury. Part of the EU-funded CENTER-TBI project.

2012-13 *Indigenous Public Authoring*
A collaboration with Professor James Leach (University of Aberdeen & University of Western Australia) to devise new ways and forms for indigenous people leading traditional lifestyles in remote places to record and share their Traditional Environmental and Cultural Knowledges (TEK). A field trip and localised experiment was conducted in a remote village, Reite, in Madang Province, Papua New Guinea in late 2012. Funded by The Christensen Fund (USA).

2012

Pallion Ideas Exchange

A collaboration with the Information Security Group of Royal Holloway University of London to work with residents and members of Pallion Action Group to co-create a community knowledge and support network in response to benefits changes and public sector cuts. Commissioned by RHUL as part of the 3 year Vome project, funded by the EPSRC.

Lifestreams :Tactile Poetry

Proboscis collaborated with Philips Research in a creative dialogue exploring innovative ways of connecting digital lifestyle measurement technologies with 3D fabrication to reveal patterns and promote awareness of quality of life. A series of data generated objects – *lifecharms* – were 3D printed using a custom algorithm transforming personal health data into tangible objects.

Commissioned by Futurecity for Anglia Ruskin University's *Visualise* public art programme.

2011

Agencies of Engagement

A collaboration with the University of Cambridge's Centre for Applied Research in Education Technologies (CARET) to explore the role and nature of groups within the context of collaboration software used by members of the University. Commissioned by CARET.

2010

Future Jobs Fund Placements

I led and managed a placement programme which saw Proboscis recruit and employ 7 long term unemployed young people for 6 month paid placements in a variety of roles across the organisation (two continued with Proboscis for 2 years). Funded by the UK Department of Work & Pensions' Future Jobs Fund via the London Borough of Islington & New Deal of the Mind.

2009

bookleteer.com

A self-publishing platform enabling users to generate downloadable publications using formats invented by Proboscis (Diffusion eBooks & StoryCubes) in 2000. A free public service built upon prototypes in development since 2003 it was seed funded in 2008 by the Technology Strategy Board. Bookleteer generates revenue through its innovative Short Run Printing Service, a monthly subscription service, the *Periodical*, and member donations.

Being in Common

A public art commission to explore "the Art of Common Space" resulting in site specific temporary installations in Gunpowder Park, Waltham Abbey. Commissioned by LANS.

2008

Sensory Threads

An action research project led by Proboscis as part of the CREATOR Digital Economy Research Cluster in collaboration with Mixed Reality Lab (Uni. Nottingham), Centre for Digital Music (Queen Mary University of London); Birkbeck College & University of Southampton Business School. Combining collective wearable environmental sensing for 4 people with live generated audio soundscapes from the data and remote audience engagement. Premiered at the Science Museum, London & presented at CHI 2010. Funded by RCUK Digital Economy Programme.

Perception Peterborough

Proboscis was commissioned by the PP Steering Group (17 public sector bodies in Peterborough) to research the creative potential of the city and lead a series of creative workshops that would help set out a cohesive creative vision for Peterborough's £1bn 15 year growth plan as the UK's "Green Capital". In partnership with haring woods associates.

2007

Snout

Combining community-based practices of carnival costume creation with environmental sensing and data mashups with mapping and health data from National Statistics. In collaboration with Birkbeck College. Commissioned by Iniva and funded by the Esme Fairbairn Charitable Trust.

Experiencing Democracy

Proboscis' 3rd project in partnership with Jenny Hammond Primary School in Walthamstow : a week long project with Year 4 exploring children's experiences (or lack) of democracy and democratic practices. In collaboration with sound artist and educator, Loren Chasse.

Conversation and Connections

A research collaboration with community development expert, Kevin Harris (Local Level) to work with a social housing residents organisation (HIRO) on the Havelock Estate, Southall. The project

explored how residents could adopt new technologies and methods of capturing and sharing local knowledge as an expression of emerging forms of social democracy.

Funded by the Ministry of Justice's Democratic Engagement team.

2006

Robotic Feral Public Authoring (Feral Robots)

A collaboration between Australia/US artist-engineer Natalie Jeremijenko, Proboscis and researchers at Birkbeck College, bridging citizen science and environmental data capture with robot toy hacking and mobile mapping technologies. Funded by the EPSRC.

Everyday Archaeology

Proboscis 2nd project in partnership with Jenny Hammond Primary School in Walthamstow : a week long project with Year 4 exploring children's understanding of their local environment and what can be learnt about it using traditional and technological means. In collaboration with sound artist and educator, Loren Chasse.

2002-04

Urban Tapestries

A ground-breaking action research project fusing mobile and mapping technologies for people to create and share geo-located knowledge and experiences. Partners included HP Research Labs, Orange, Ordnance Survey, France Telecom R&D UK & London School of Economics. Funded by the Department of Trade & Industry, Arts Council England and Daniel Langlois Foundation.

2001-02

Private Reveries, Public Spaces

A curatorial project by Giles Lane and Alice Angus for Proboscis and the LSE: 15 artists/designers/groups were commissioned to propose 'conceptual prototypes' exploring the role and impact of telecommunications technologies in everyday life. Three were commissioned and presented at a day long symposium hosted at the London School of Economics.

Funded by the Daniel Langlois Foundation for Art, Science and Technology (Canada).

1998-2002

Mapping Perception

A collaboration between Giles Lane, filmmaker Andrew Kötting and neurophysiologist Dr Mark Lythgoe (Institute of Child Health). This 5 year project explored perception, ability and disability through the prism of brain dysfunction. Funded by Nesta/Sciart Consortium, UK Film Council, London Production Fund, Calouste Gulbenkian Foundation and South East Arts.

1995-2000

COIL Journal of the moving image

Founder & Editor. A 10-part journal published over 5 years, COIL was a unique publication which commissioned and published new critical writing and works by over 130 UK and international practitioners : film and video makers, artists, academics and theorists. Funded by Arts Council England, with support from Channel 4 TV and the London Film & Video Development Agency.

Selected Publications

A selection of recent publications, presentations and co-authored papers.

2022

Personal Data Manifestation: a Tangible Poetics of Data by G Lane & G Roussos in **Making Data: Materializing digital information**, Bloomsbury Publishing, London 2022

2018

UnBias Emancipating Users against Algorithmic Biases for a Trusted Digital Economy by L Dowthwaite, H Webb, A Koene & G Lane in **Proceedings of 24TH ACM SIGKDD Conference on Knowledge Discovery and Data Mining**, London, UK

2017

Algorithmic Fairness in Online Information Mediating Systems by A Koene, E Perez, S Ceppi, M Rovatsos, H Webb, M Patel, M Jirocka, and G Lane. In **Proceedings of ACM Web Science Conference**, Troy, NY, USA, June 2017 (WebSci'17).

2014

Co-discovery for Uncommon Insight: Making and Sharing Public Goods with Pervasive Computing Technology by A Angus, G Lane & G Roussos in **IEEE Pervasive Computing Special Issue – Pervasive Data and Analytics/Citizen Science**

2013

Lifestreams by Giles Lane and David Walker in **Visualise: Making Art in Context**, Anglia Ruskin University, Cambridge 2013

Digital Alchemy: turning data into poetry, by G Lane in **This New Nostalgia**, InspireConspireRetire, London 2013

2012 *Reaping the Rewards of Culture in Europe*, by A Angus & G Lane in **EU Government Gazette**, <http://governmentgazette.eu/?p=3737>

2011 *Agencies of Engagement*, G Lane, H Tagiuri, F Lesage, A Angus, M Tang, Proboscis

2010 *Sensory Threads*, Marshall, J., Airantzis, D., Angus, A., Bryan-Kinns, N., Fencott, R., Lane, G., Lesage, F., Martin, K., Roussos, G., Taylor, J., Warren, L., Woods, O. (2010). **Leonardo** 43(2).

2009 *Sensory Threads: Perceiving the Imperceptible*, N Bryan-Kinns, D Airantzis, A Angus, R Fencott, G Lane, F Lesage, J Marshall, K Martin, G Roussos, J Taylor, L Warren, O Woods, **Ambient Intelligence and Smart Environments**, Volume 2, 2009 and the 5th International Conference on Intelligent Environments – Barcelona 2009.

Travelling through Layers, A. Angus, G. Lane, O. Woods, in **Parallelo**, Virtueel Platform, Netherlands and British Council, London. 2009

Social Tapestries, A. Angus, G. Lane, K. Martin, O. Woods, in **Cartography & Art** (edited by W. Cartwright, G. Gartner; A. Lehn), Springer Verlag

Sensory Threads, K. Martin, J. Marshal, R. Fencott, D. Airantzis, J. Taylor, F. Lesage, G. Lane, N. Bryan-Kinns, L. Warren and G. Roussos, 2009, **Ubiquitous Computing at a Crossroads: Art, Science, Politics and Design**, January 6-7, Imperial College, London, UK. (presentation)

Being Creative with Business, L Warren and G Lane in **UK Media Bulletin**, Association of Business Schools No 22, July 2009

Tweetomes, Giles Lane in **Cu:The Presents of Co-Presence**, Page 8-9, Centre for Comtemporary Photography, Australia.

Ephemeral emergents and anticipation in online connected creativity, L Warren, T Fuller, G Lane, N Bryan-Kinns, G Roussos and F Lesage (2009) **WebSci'09: Society On-Line and conference** 18-20 March 2009, Athens, Greece.

2008 *A Theatre of the Everyday*, A. Angus, G. Lane **Zona**, July 2008.

Participatory Sensing for Urban Communities, K Martin, G Lane, G Roussos et al paper at International Workshop on Urban, Community, and Social Applications of Networked Sensing Systems - **UrbanSense08**

Experiencing Democracy, O Woods, G Lane & L Chasse. **A Proboscis Report**

Urban Social Tapestries, A. Angus, G. Lane, K. Martin, G. Papamarkos, G. Roussos, S. Thelwall, R. Silverstone, Z. Sujon & N. West, 2008, **IEEE Pervasive Computing**, Vol. 7(4).

2007 *Urban Tapestries: Exploring Public Authoring in the City*, A. Angus, G. Lane, K. Martin, D. Papadokonas, G. Papamarkos, G. Roussos, S. Thelwall, Z. Sujon and N. West, 2007 **Birkbeck SCSIS Technical Report**.

Making Glue: Public Authoring in Urban Tapestries, Martin, K. and Lane, G. (2007) position paper for workshop 'Shared Encounters', **ACM Conf Human Factors in Computing Systems CHI 2007**

Cultures of Listening, A. Angus and G. Lane in **A Handbook for Coding Cultures**, Dlux Sydney

Social Tapestries: Conversations and Connections, K Harris & G Lane, Proboscis London

2006 *Feral Robots: A Social Tapestries Experiment in Everyday Archaeology* G. Lane, C. Brueton, D. Diall, D. Airantzis, N. Jeremijenko, G. Papamarkos, G. Roussos and K. Martin, 2006, **4th UK Ubiquitous Computing Conference (UbiNet) Worksop**, London 10-12 July 2006.

Everyday Archaeology: children's relationship to the environment – Activity & Impact Report, G Lane & O Woods, **A Proboscis Report**

Public Authoring and Feral Robotics, G Lane, N Jeremijenko et al, Proboscis London

Community-based Public Authoring with Mobile Chemical Sensor Networks G. Lane, C. Brueton, D. Diall, D. Airantzis, N. Jeremijenko, G. Papamarkos, G. Roussos and K. Martin, 2006, **Proc. IEE Intelligent Environments**, 5-6 July, Athens, Greece.

2005 *Urban Tapestries: Public Authoring, Place and Mobility*, G Lane and S Thelwall, **Proboscis**

From Urban Tapestries to Social Tapestries, G Lane presentation at **PLAN (Pervasive & Locative Artists Network) Conference**, ICA London

2004 *Social Tapestries: public authoring and civil society*, G Lane in **Cultural Snapshots**, Proboscis

2003	<i>Urban Tapestries: Wireless networking, public authoring and social knowledge</i> , Giles Lane in Personal and Ubiquitous Computing , Springer (2003)
	<i>Urban Tapestries: public authoring & social knowledge</i> , G Lane, Paper for IAD Appliance Design Conference , Bristol March 2003
1999	<i>The Masque of Self-Death</i> , G Lane in Parallax 13 , October-December 1999
	<i>Evanescence</i> , G Lane in Inventory volume 3 issue 2
1997	<i>Against the Grain – Steve Farrer's Cinema of Machines</i> , G Lane in Projects (Locus Plus 1998)
	<i>Speculations on a Garden of Forking Paths: Andrew Marvell's poetic ipse in the void of being</i> , G Lane in Errant Bodies Flowers Los Angeles
1996	<i>Thief in the Studio: Genet & Giacometti</i> , G Lane, Inventory volume 2 issue 3

Selected Publishing

A selection of publications as commissioner, editor or publisher:

2020-22	Republic of Learning : 7 booklets documenting the participatory making workshops engaging locals in Somers Town, and then online during/post-pandemic with complex climate change data and the future of our world and communities. (Proboscis)
2012-15	the Periodical : an experiment in participatory publishing – each month a publication created and shared on bookleteer.com was selected, printed and posted put to subscribers. (Proboscis)
2012	Professor Starling's Expedition : 3 Diffusion eBooks collaboratively created by DodoLab (Andrew Hunter & Lisa Hirmer) with Leila Armstrong, Josie Mills, Haz Tagiuri & Giles Lane (Proboscis)
2011	Material Conditions : 8 Diffusion eBooks by Active Ingredient, London Fieldworks, Desperate Optimists, Jane Prophet, Sarah Butler, Karla Schuh Brunet, Ruth MacLennan and Janet Owen Driggs & Jules Rochielle (Proboscis).
2010	City As Material I : London , 10 collaboratively created eBooks with contributions from Tim Wright, Ben Eastop, Simon Pope & Alexandra Deschamps-Sonsino (Proboscis).
2008-2011	Transformations : 12 Diffusion eBook & StoryCube Works by Adam Greenfield & Nurri Kim, John Hartley, Warren Craghead, Rita J King, William Davies, Julie Myers, Linda Carroli, Babette Wagenvoort, Alejandra Canales Anne Ransquin & Juan F. Salazar, Raqs Media Collective, William Firebrace and Kenneth Goldsmith (Proboscis).
2002-2006	Species of Spaces : 16 Diffusion eBooks by Caroline Bassett, Raoul Bunschoten, Nina Czegledy, Scott deLahunta, William Firebrace, Dr John Foot, Melanie Jackson Patrick Keiller, Brandon LaBelle, Deborah Levy, Simon Pope, Anne Sobotta, Minna Tarkka, Heath Bunting, Anne Galloway and Lisa LeFeuvre (Proboscis).
2002	Mapping Perception by Andrew Kötting, Dr Mark Lythgoe & Dr Janna Levin (Proboscis)
2001	Interactive: the internet for graphic designers by Paul Farrington (Rotovision Press)
	Biotica: Art, Emergence & Artificial Life by Richard Brown with Igor Aleksander (RCA CRD RESEARCH)
	The Presence Project by Anthony Dunne & William Gaver (RCA CRD RESEARCH)
2000	Performance Notations : 10 Diffusion eBooks by Johnny Golding, Kevin Henderson, Anne Tallentire, Monica Ross, Rob Gawthrop, Declan Sheehan, Katherine Meynell, Marina Grzinic, Marcellyn Gow, Vit Hopley & Yve Lomax and Aaron Williamson (Proboscis)
	Project #26765 – FLIRT: Flexible Information & Recreation for Mobile Users (RCA CRD RESEARCH)
1999	Hertzian Tales: Electronic Products, Aesthetic Experience and Critical Design by Anthony Dunne (RCA CRD RESEARCH)
	Technological Landscapes by Dr Richard Rogers (RCA CRD RESEARCH)
	Ghost Stories: stray thoughts on photography and film by Pavel Büchler (Proboscis)
1995-2000	COIL journal of the moving image : 10 issue part work with over 130 original contributors (Proboscis)