

Dan Lockton PhD MPhil BSc FRSA

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I'm Assistant Professor and Chair of Design Studies in the School of Design at Carnegie Mellon University, where I direct the [Imaginaries Lab](#), a new research group which I founded in early 2017. I am also a Faculty Affiliate in the Scott Institute for Energy Innovation at Carnegie Mellon, and a Visiting Tutor in the School of Design at the Royal College of Art, London.

EDUCATION

2007–13 **Brunel University**, Uxbridge, UK

PhD in Design. Thesis: *Design with Intent: A design pattern toolkit for environmental and social behaviour change*. Supervisors: Professor David Harrison (Brunel), Professor Neville Stanton (University of Southampton). Hamilton Prize for Best PhD Thesis in Engineering & Design.

University of Cambridge (Downing College), Cambridge, UK

2004–5 **MPhil in Technology Policy**, Judge Institute of Management (Cambridge-MIT Institute). Dissertation: *Architectures of Control in Consumer Product Design*. Supervisor: Dr David Reiner. Examiners' Letter of Commendation.

2000–4 **Brunel University**, Runnymede, UK

BSc (Hons) in Industrial Design Engineering. Major project: *Wheelchair Drive*. First Class. Motion Drives & Controls Award for Best Project.

ACADEMIC POSITIONS

2016– **Carnegie Mellon University**, Pittsburgh, PA, USA.

Assistant Professor, School of Design.

– Founder and Director of Imaginaries Lab (2017–), supervising nine graduate research assistants in the development of research projects; carrying out research; preparing funding applications; preparing publications.

– Chair of Design Studies (2017–), leading and co-ordinating the curriculum development for core undergraduate courses.

– Teaching BDes (Senior Design Lab—Play Lab; Persuasion; Environments Studio), MDes (Advanced Interaction & Service Design Concepts; Experimenting with Design), and PhD (Researching By Designing) courses, as well as guest teaching on a variety of other courses.

– Advising and committee membership for PhD and MDes students.

– Chair of School of Design Research Committee (2017–)

– Member of Environments Track Committee (2016–)

– Member of Doctoral Program Committee (2016–)

– Portfolio reviews for undergraduate applicants (2016–)

– Master's thesis reviews (2016–)

– Faculty Affiliate, Scott Institute for Energy Innovation (2017–)

2015– **Royal College of Art**, London, UK.

Research Tutor, Innovation Design Engineering.

'Visiting Tutor' position, equivalent to US Adjunct Professor. From July 2016 onwards position involves remote supervision of PhD candidates.

– Developing departmental research, teaching and supervising practice-based MPhil and

PhD researchers in design for sustainable behavior, the Internet of Things and second-order cybernetics, synaesthesia, medical visualisation, and animation processes. Managing research section of department website. Interviewing MRes and MPhil/PhD applicants. Organizing seminars and invited guests.

– Continuing personal research in design for behavior change, understanding understanding, and new forms of experiential interface for energy use.

– Lead UK academic (2016) for collaboration with Laboratorio para la Ciudad (Mexico City), Future Cities Catapult, Superflux and UNAM around making policy and agency tangible in urban space, funded by British Council.

– Project manager (2015) for setting up public engagement work package of GATEway: Greenwich Automated Transport Environment (autonomous vehicles), funded by Innovate UK (with RCA Vehicle Design).

– Academic advisor (2015–16) for NHS Citizen Localnets project around community participation in healthcare decision-making (with RCA Information Experience Design / The Creative Exchange), funded by AHRC.

2013–15 **Royal College of Art**, London, UK.

Senior Research Associate, Helen Hamlyn Centre for Design.

– Member of Work & City and Age & Ability Labs.

– Quantified Self Development Grant (Sustainable Society Network+, Principal Investigator)

– Creating Sustainable Innovation through Design for Behaviour Change: <http://behaviourchange.eu> (AHRC, Co-Investigator; consortium led by Professor Kristina Niedderer, University of Wolverhampton)

– SusLabNWE: international infrastructure for the design and evaluation of technologies supporting sustainable practices, consortium led by Professor David Keyson, TU Delft: <http://suslab.eu> (Interreg IVB / ERDF, postdoc researcher)

– Media, Community and the Creative Citizen: <http://creativecitizens.co.uk>
How digital technology can support and add value to community-led design projects (AHRC / EPSRC, postdoctoral researcher)

– Researcher, project manager and executive education facilitator for commercial collaborations with Qatar Foundation, Chalmers TH, NASA Johnson Space Center, Stannah and London Creative & Digital Fusion

– Management of interns (RCA Service Design), researchers and freelance designers working on SusLabNWE and Creative Citizens projects; contribution to Centre's exhibitions and knowledge exchange including photography for Design That Makes A Difference, 2013

2011–12 **University of Warwick**, Coventry, UK

Research Fellow, Experiential Engineering, WMG.

– EMPOWER: Empowering Empathic Energy Efficiency design: <http://research.carbonculture.net/decc-report-2012> (TSB / EPSRC, researcher)

– Executive education facilitator for collaboration with Jaguar Land Rover and local enterprises

2007–13 **Brunel University**, Uxbridge, UK

Research Assistant, Centre for Design Research / Cleaner Electronics Research Group.

– EMPOWER: Empowering Empathic Energy Efficiency design: <http://research.carbonculture.net/decc-report-2012> (TSB / EPSRC, researcher, 2010–12)

– PhD project: Design with Intent: <http://architectures.danlockton.co.uk/phd> (doctoral researcher)

COMMERCIAL DESIGN PRACTICE

2011–16 **Requisite Variety** (Freelance), Windsor, Berkshire / Twickenham, Middlesex, UK

Workshops, consultancy and research for clients including **Autodesk, Unilever, Frog Design, Philips Research** and **West Sussex County Council**

2004–7 **Dan Lockton Research, Design & Engineering** (Freelance), Datchet, Berkshire, UK
Design, R&D and writing for clients including **Sinclair Research, Tangerine** and **Mayhem UK**

2002–3 **Daka Research Ltd / Sinclair Research Ltd**, Industrial design engineer, Coulsdon, Surrey, UK
Lightweight transport design, working on A-Bike folding bicycle, Sinclair wheelchair drive unit, SeaDoo Sea Scooter, and other products

COLLABORATIVE ACADEMIC PROJECT EXPERIENCE

SusLabNWE (2013–15): international infrastructure for the design and evaluation of technologies supporting sustainable practices, consortium led by Professor David Keyson, TU Delft, including partners in UK, Germany, Sweden and Netherlands (Interreg IVB / ERDF, postdoc researcher) suslab.eu

Media, Community and the Creative Citizen (2013–15): How digital technology can support and add value to community-led design projects. Partners across UK community organisations, universities and Nesta (AHRC / EPSRC Connected Communities programme, postdoctoral researcher) creativecitizens.co.uk

Lead UK academic (2016) for **Legible Policy**, international cross-cultural collaboration with Laboratorio para la Ciudad (Mexico City), Future Cities Catapult, Superflux and UNAM around making policy and agency tangible in urban space, funded by British Council. legiblepolicy.info

Creating Sustainable Innovation through Design for Behaviour Change (2014): (AHRC, Co-Investigator; international consortium led by University of Wolverhampton). behaviourchange.eu

Project manager (2015) for setting up public engagement work for **GATEway**: Greenwich Automated Transport Environment (autonomous vehicles), funded by Innovate UK. Partners including Royal Borough of Greenwich and TRL. gateway-project.org.uk

Lead researcher, **Empower**, Technology Strategy Board (2010–12), leading to **CarbonCulture at DECC**, collaboration with Department of Energy & Climate Change. research.carbonculture.net/decc-report-2012/

GRANTS AND AWARDS

Principal Investigator, 'Electric Acoustic', experiential energy sonification, **Carnegie Mellon College of Fine Arts Research & Creativity Fund**, April 2017

Travel Award, **Carnegie Mellon School of Design**, March 2017

UK academic Investigator, 'Legible Policy', UK–Mexico Institutional Links collaboration, Laboratorio para la Ciudad, Future Cities Catapult, Superflux, UNAM, **British Council Newton Fund**, December 2015

Academic advisor, Creative Exchange 'NHS Citizen Localnets' grant, funded by **Arts & Humanities Research Council**, November 2015

Principal Investigator, 'Understanding Human Connectivity and the Quantified Self' (with Dr Kathryn Buchanan, Psychology, University of Essex), **RCUK Sustainable Society Network+** Development Grant, January 2015

AT Kearney Global Policy Council scholarship, Oxford Futures Forum, 2014

Co-Investigator, 'Creating Sustainable Innovation through Design for Behaviour Change' (PI: Professor Kristina Niedderer, University of Wolverhampton), **Arts & Humanities Research Council** research grant AH/L013525/1, March 2014

British Computer Society, Best Short Paper Award, HCI 2013

Hamilton Prize for best PhD thesis in Engineering & Design, Brunel University, 2013

Lead researcher (from sandpit participation), 'EMPOWER: Empowering Energy Efficiency through

Empathic Design', **Technology Strategy Board** Low Impact Buildings Innovation Platform (PIs: Professor David Harrison, Brunel University; Dr Rebecca Cain, University of Warwick), 2010

International Travel Grant, **Royal Academy of Engineering**, 2009

PhD studentships, **Thomas Gerald Gray Charitable Trust** and **Ormsby Trust**, Brunel University, 2007–13

REVIEWING AND PROFESSIONAL SERVICE

Reviewer / grant evaluator for:

EU **Horizon 2020** Future & Emerging Technologies Programme (pan-European); **Engineering and Physical Sciences Research Council** (UK); **RCUK Sustainable Society Network+** (UK); **Fond National de la Recherche** (Luxembourg).

ACM CHI 2018 Montreal, Design subcommittee, Associate Chair.

Design Research Society DRS 2016, Brighton, Conference experience co-chair.

Scientific/programme committee member for Persuasive 2015, Chicago; EcoDesign 2015, Tokyo; DRS 2016, Brighton; Research Through Design 2017, Edinburgh. **Founding committee member** for Design Research Society Sustainability Special Interest Group.

Peer review for journals: *Frontiers Psychology, Energy Research and Social Science, Energy Efficiency, Communication Design, Design Studies, Applied Ergonomics, Ergonomics, Computers in Human Behavior, International Journal of Design, Journal of Design Research, The Design Journal, International Journal of Sustainable Engineering, Sustainability, Philosophy & Technology, Scan: Journal of Media Arts Culture, Journal of Economic Surveys, Review of Behavioural Economics.*

Peer review for conferences: CHI 2013, CHI 2014, CHI 2017, CHI 2018, RTD 2017; Ubicomp 2014, DRS 2014, DRS 2016, NORDES 2015, NORDES 2017, IASDR 2015, Include 2013, EPIC 2013 and Hawai'i International Conference on System Sciences 2009.

Book proposal reviews for: Ashgate; Earthscan.

Represented Carnegie Mellon University at **Fulbright New Zealand** Design exchange workshops at **Victoria University of Wellington** and **Auckland University of Technology**, 2017

Fellow (invited) of the **Royal Society for the encouragement of Arts, Manufactures and Commerce** (FRSA), 2008.

Member of **ACM SIGCHI** since 2008.

Mentor for **School of Communication Arts 2.0**, London, 2015

Mentor for **Clearleft**, Brighton, internships 2015.

Mentor for **IxDA Student Challenge**, 2012, Dun Laoghaire Institute of Art, Design & Technology

Mentor for **Global Service Jam**, London, 2012

Judge for **Sustain RCA Awards** 2015, Royal College of Art

Judge for **Core77 / Autodesk / iFixit** Design For (Your) Product Lifetime Student Challenge, 2012

Judge for **Chelsea College of Art & Design**, MA Designing Interactions Student Design Challenge, 2012

Judge for **Forum for the Future / BUPA** Spark! Competition, 2012

Advisory Panel, **Smart Energy GB**, 2015

Invited participant, **TEDDINET Energy Research & Social Science** workshop, Bath

Project representative, **EPSRC Connected Communities Festival**, Cardiff

TEACHING

2016– **Carnegie Mellon University**, Pittsburgh, PA

Undergraduate

51-401 Senior Design Lab: Play Lab, Fall 2016, <http://www.cmuplaylab.com>

51-360 Environments Studio IV, Spring 2017, <http://environments.studio>

51-372 Persuasion, Spring 2017

As Chair of Design Studies, responsible for overseeing core courses: Placing, Systems, Cultures, Research Methods, Futures, How People Work, and Persuasion

Master's

51-825 Seminar III: Advanced Interaction and Service Design Concepts, Fall 2017, <https://medium.com/advanced-interaction-service-design-concepts>

51-675 Experimenting With Design: Methods for Research Innovation, Fall 2017, <http://imaginari.es/ewd>

Doctoral

51-920 Researching By Designing II, Spring 2017

Other teaching (guest seminars and workshops)

School of Design: *MDes/MPS* Seminar I, Interaction & Service Design Concepts; *MDes/MPS/MA* Seminar II: Transition Design; *MDes/MPS/MA* Colloquium; *MA* Studio: Visual Communication Fundamentals; *BDes* Placing; *BDes* Systems; *BDes* How People Work; *BDes* Speculative (Post-) Critical Design. Fall 2016, Spring 2017, Fall 2017.

Heinz College of Information Systems & Public Policy: *Master's* Foundations of Social Innovation and Enterprise, Fall 2017.

Swartz Center for Entrepreneurship: CONNECTS seminar on Design Thinking, Fall 2017.

2013–16 **Royal College of Art**, London

Research methods seminars for PhD researchers, Innovation Design Engineering (2015–16), Design Interactions, Design Products, Service Design and Vehicle Design (2016); visiting tutor for PhD research seminars and Systems Research Group seminar, Information Experience Design (2016); workshop facilitation for Textiles (2016); college-wide Research Culture Action seminars (2015); organising visiting speakers; visiting tutor for MA Design Products (2014) and MA Service Design (2013–14); running two AcrossRCA cross-college week-long programmes (2013 and 2015), and college-wide tutorials on design and behaviour research (2014–16); Panellist for RCA Architecture / Interior Futures programme Connected City debate (2016).

2015, 2016 **Rice University**, Houston / Copenhagen

Lecturer (2015) / course leader (2016), Urban Sustainability & Livability European summer program, commissioned

2014, 2015 **Kingston University**, Kingston, Surrey, UK

Lecturer, MA Creative Industries and Creative Economy, Kingston Business School. Running Start-Up weekends, 2-day practical workshops

2014 **Hamad bin Khalifa University**, Doha, Qatar

Facilitator, Social Innovation Bootcamp, 2014, with Helen Hamlyn Centre for Design

2013–14 **Imperial College**, London

Guest lecturer / project brief for Design-led Innovation & New Venture Creation (MEng)

2011–12 **University of Cambridge**

Visiting instructor for Seminars in Technology Policy, MPhil Technology Policy, Judge Business School

2010, 2012 **Central Saint Martins College of Art & Design**, University of the Arts, London

Visiting practitioner for Graphic Design and Service Design short courses

2007–12 **Brunel University**, Uxbridge

Lecturer, Environmentally Sensitive Design (BA/BSc), Sustainable Design (MSc); Teaching assistant, Analogue Electronics (BA/BSc)

Other visiting and guest teaching and presentations

- 2017 **Universidad del Desarrollo**, Santiago and Concepción, Chile. Lectures and workshops for AREA IX / Faculty of Design
- 2017 **Cornell University**, Ithaca, NY, Hillier Lecture: 'Why Imaginaries Matter for Sustainability', College of Human Ecology, Design + Environmental Analysis
- 2016 **London College of Communication**, University of the Arts, London, Guest lecturer for Speculative and Critical Design Summer School
- 2016 **PhD by Design Precarity Pilot**, Brighton, invited discussant
- 2015 **Carnegie Mellon University**, Pittsburgh, Visiting speaker/workshop for Design MA/MDes/MPS and Robert L. Preger Intelligent Workplace, School of Architecture
- 2015 **Victoria & Albert Museum**, London, Chair, Design Culture Salon, 'Is designing for behaviour change 'creepy'?
- 2015 **Goldsmiths**, University of London, Guest speaker, 'The Power to Act: Exploring agency, design and participation in cities' curated by Gyorgyi Galik, This Happened
- 2015 **Hans Sauer Foundation**, Munich, Visiting tutor and speaker for Social Design Elevation Days, with Dr Nynke Tromp (**TU Delft**)
- 2014 **University College London**, guest speaker, UCL Centre for Behaviour Change
- 2014 **ETSAB**, UPC Barcelona, Visiting lecturer, Sustainability Summer School
- 2014 **TU Delft**, guest speaker, 'Human in the Loop' industry / academia event, IDE
- 2014 **Chalmers TH**, Gothenburg, facilitator, sustainability hackathon
- 2014 **Open University**, Guest lecturer, Faculty of Maths, Computing & Technology
- 2011 **University College London**, Guest speaker, The Bartlett, Behaviour Change month
- 2011 **Parsons The New School for Design**, New York, guest speaker, MFA Transdisciplinary Design
- 2011 **University of Oxford**, guest speaker, Saïd Business School, Designing Better Futures (Saïd MBA + **London College of Communication** MDes)
- 2011 **NTNU, Norwegian University of Science & Technology**, Trondheim, Guest lecturer, Sustainable Product Design
- 2010 **Brunel University**, Uxbridge. Guest lecturer / workshop facilitator, undergraduate HCI module, School of Information Systems, Computing and Mathematics
- 2010, 2016 **Copenhagen Institute of Interaction Design**, guest speaker
- 2010 **University of Twente**, Enschede, guest speaker and workshop facilitator, 3TU Design for Usability project, with Dr Nynke Tromp, **TU Delft**

SUPERVISION, ADVISING, AND EXAMINATION

PhD supervision or advising

Completions

Nazlı Gökçe Terzioğlu, Royal College of Art, Innovation Design Engineering, completed 2017

— 'Do-Fix: Creating Deeper Relationships Between Users and Products Through Visible Repair'. Supervisors: Dan Lockton, Clare Brass. Examiners: Conny Bakker, Jonathan Chapman.

Delfina Fantini van Ditmar, Royal College of Art, Innovation Design Engineering, completed 2016

— 'IdIoT: Second-order cybernetics in the 'smart' home'. Supervisors: Ranulph Glanville†, Ashley Hall, Dan Lockton, Paul Pangaro (external). Examiners: Chris Speed, Craig Bremner.

Current PhD students

Dave Pao, Royal College of Art, Innovation Design Engineering. Intended completion 2018.

— 'Electronic Medical Records for the Information Age'. Supervisors: Ranulph Glanville†, John Stevens, Dan Lockton.

Chang Hee Lee, Royal College of Art, Innovation Design Engineering. Intended completion 2018.

— 'Synaesthesia Materialisation: Methods of Applying Synaesthesia as a Provocation for Generat-

ing Creative Ideas within the Context of Design'. Supervisors: Ranulph Glanville, John Stevens, Dan Lockton.

Kakee Scott, Carnegie Mellon University, Design. Intended completion 2018.

—'Design and Alternative Economic Practice'. Committee: Dan Lockton, Ramia Mazé, Cameron Tonkinwise

Silvia Mata-Marin, Carnegie Mellon University, Design. Intended completion 2020.

—'Bordering Processes'. Committee: Dan Lockton, others TBC

Francis Carter, Carnegie Mellon University, Design. Intended completion 2020.

—'Constructive Contraries'. Committee: Dan Lockton, others TBC

PhD committee member

Michael Arnold Mages, Carnegie Mellon University, Design

Stephen Neely, Carnegie Mellon University, Design

Deepa Butoliya, Carnegie Mellon University, Design

Temporary PhD supervision / advising

Hugo Glover, 'Stereoscopic Spatiality: A Practice-based Investigation into the Use of Stereoscopic 3D-Depth Technologies in Physical and Digital Space'. Temporarily supervised, RCA Innovation Design Engineering, 2015–16

Weiyi Li, 'Function as Narrative'. Temporarily supervised, RCA Innovation Design Engineering, 2016

Veronica Ranner, 'Knowledge Exchange in Biodigital Space'. Temporary advisor, RCA Information Experience Design, 2016

In 2014–15 I undertook the University of the Arts London's 'Supervising Research Degrees' course, run by the Centre for Learning and Teaching in Art & Design, achieving an A grade.

MDes thesis advising

Completions

Shruti Aditya Chowdhury, 'Designing Fitness: Probes for Motivation'. Carnegie Mellon University, Design. Advisors: Dan Lockton, Molly Wright Steenson. Completed 2017

Sarah Foley, 'Service Fictions as a Method in Problem-Finding Research in the Field of Sleep'. Carnegie Mellon University, Design. Advisors: Dan Lockton, Cameron Tonkinwise. Completed 2017

Dixon Lo, 'Experiential Augmentation: Representing Invisible Digital Processes with Intuitive Physical Properties'. Carnegie Mellon University, Design. Advisors: Stacie Rohrbach, Dan Lockton. Completed 2017

Current MDes students

MacKenzie Cherban. Carnegie Mellon University, Design. Intended completion 2018.

Meriç Dağlı. Carnegie Mellon University, Design. Intended completion 2018.

Independent Study and Fellowship advising

MDes/MPS Independent Study advising

Hannah Rosenfeld, Leah Jiang, Monique Smith, Meriç Dağlı. 'Future Voices', Carnegie Mellon University, Design, 2017.

Sarah Foley, 'Sleep Jacket', Carnegie Mellon University, Design, 2017.

Undergraduate Independent Study advising

Rachel Chang, Carnegie Mellon University, Design, Spring 2017

Courtney Pozzi, Carnegie Mellon University, Design, Spring 2017

Rae Headrick and Julia Wong, Carnegie Mellon University, Design, Spring 2017

Helen Wu, Carnegie Mellon University, Design, Fall 2017

Undergraduate Research Fellowship advising

Ty Van de Zande, 'Printerface'. Carnegie Mellon University, Design, Summer 2017

PhD Examining

Internal examiner (including exam chair) for interim and MPhil–PhD transfer exams, Innovation Design Engineering, RCA. Panel member for entrance exams and interviews.

External Examiner, **Monash University**, Melbourne, Australia: **Gemma Read**, external examiner for PhD 'Extension and application of Cognitive Work Analysis to improve pedestrian safety at level crossings'.

INDUSTRY AND COMMUNITY KNOWLEDGE EXCHANGE

Google SPAN Pittsburgh, 2017, workshop 'New Metaphors and Qualitative Interfaces'

Yamaha Design Studio Sound with Creative Intention workshop, RCA, 2016

Behavior Design Amsterdam presentation, 2016

Guardian Tech Weekly podcast, 2015, guest

Design for Action, Washington, DC, 2015, presentation

Product Tank London, 2015, presentation

Keep Britain Tidy Centre for Social Innovation, launch event, 2015, presentation

Green Sky Thinking, Max Fordham, 2015, presentation

This Happened London, Goldsmiths, 2015, presentation

V&A Digital Design Weekend, London, 2014, two-day exhibition and activities

London Behavioural Economics Network, 2014, presentation

IxDA London, 2014, presentation

EPSRC / AHRC Connected Communities Festival, Cardiff, 2014, exhibition

OgilvyChange 'Nudgestock 2' 2014, keynote

V&A Digital Futures, 2014, presentation

UK Art Science Prize, 2014, project inspirer

Chalmers TH / NASA Johnson Space Center Hackathon organiser, Gothenburg, Sweden 2014

Stannah (with Helen Hamlyn Centre), workshop facilitation & presentation, 2013

Philips Research (with NTNU), Eindhoven, workshop & presentation, 2011

Jaguar Land Rover (with WMG), workshop & presentation, 2012

Unilever, Lifebuoy behaviour change workshop participant, 2013

IDEO London, with RSA and National Policing Improvement Agency, workshop facilitation & presentation, 2009

Modern Built Environment Knowledge Transfer Network, workshop facilitation, 2011

UX London 2010, two workshops

dConstruct 2011, workshop

Brighton & Sussex University Hospitals NHS Trust at the Design Council, London, workshop, 2010

More Associates at the **Department of Energy & Climate Change**, London, workshop, 2011

Ripple PRD for **West Sussex County Council** and **Crawley Borough Council**, workshops, 2012–13

UX People 2011, London (Zebra People), workshop

IxDA Interaction 12 conference in Dublin, workshop, 2012

R/GA, London, presentation, 2012

Ubisoft, Paris, presentation, 2012

Dyson, Malmesbury, presentation, 2012
Spice Innovations, London, presentation, 2013
Her Majesty's Revenue & Customs, London, presentation, 2012
QinetiQ, Sevenoaks, presentation, 2009
Microsoft Research, Cambridge, presentation, 2015
Marks & Spencer, London, presentation, 2008
Engine Service Design, London, presentation, 2008
UFI Learndirect, Sheffield, presentation, 2008
Radar Arts, Loughborough, Architectures of Control Symposium, 2009
EMC Consulting, London, presentation, 2009
Lost My Name, London, presentation, 2015
Foviance, London, presentation, 2010
Design Council, London, presentation, 2009
Technology Strategy Board at Innovate '11, presentation, 2011

PUBLICATIONS

Academic & practitioner journal articles

- Pao, D., Stevens, J., Lockton, D. (2017) 'Together in electric screams: the frustrations of GUM electronic patient records'. *Sexually Transmitted Infections* 93 (Suppl 1), P053. (paywall version doi:10.1136/sextrans-2017-053232.99)
- Niedderer, K., Ludden, G., Clune, S. J., Lockton, D., Mackrill, J., Morris, A., Cain, R., Gardiner, E., Evans, M., Gutteridge, R., Hekkert, P. P. (2016). 'Design for behaviour change as a driver for sustainable innovation: Challenges and opportunities for implementation in the private and public sectors'. *International Journal of Design*, Vol. 10 No. 2, pp. 67-85. (free open access PDF)
- Fantini van Ditmar, D. and Lockton, D. (2015) 'Taking the code for a walk'. *Interactions* Vol.23 No.1, pp. 68-71. (paywall version doi:10.1145/2855958 / free self-archived version PDF)
- Lockton, D., Nicholson, L., Cain, R., Harrison, D. (2014) 'Persuasive Technology for Sustainable Workplaces'. *Interactions* Vol.21 No.1, pp. 58-61. (paywall version doi:10.1145/2544170 / free open access version PDF)
- Lockton, D., Harrison, D., Stanton, N.A. (2013) 'Exploring design patterns for sustainable behaviour'. *The Design Journal* Vol.16 No. 4, pp. 431-459, 2013 (paywall version doi:10.2752/175630613X13746645186124 / free draft version PDF)
- Gorzanelli, C., Ramster, G., Outten, A., Lockton, D. (2013) 'Cittadini e nuovi media per un'intelligenza creativa' [Citizens and new media for a creative intelligence]. *Urbanistica Tre* Vol. 1 No. 3, pp. 75-84, 2013 (free open access PDF)
- Phillips, R., Lockton, D., Baurley, S., Silve, S. (2013) 'Making instructions for others: exploring mental models through a simple exercise'. *Interactions* Vol.20 No.5, pp. 74-79, Sept-Oct 2013. (paywall version doi:10.1145/2505290 / free open access version PDF)
- Lockton, D., Harrison, D., Cain, R., Stanton, N.A., Jennings, P. (2013) 'Exploring problem-framing through behavioural heuristics'. *International Journal of Design* Vol.7 No.1, April 2013 (free open access PDF)
- Lockton, D., Harrison, D., Stanton, N.A. (2012) 'Models of the user: designers' perspectives on influencing sustainable behaviour'. *Journal of Design Research* Vol.10 No.1/2, pp.7-27, 2012 (paywall version doi:10.1504/JDR.2012.046137 / free open access version PDF)
- Lockton, D., Harrison, D., Stanton, N.A. (2010) 'The Design with Intent Method: a design tool for influencing user behaviour'. *Applied Ergonomics* Vol.41 No.3, pp. 382-392, May 2010 (paywall version doi:10.1016/j.apergo.2009.09.001 / free open access version)
- Bisset, F. and Lockton, D. (2010) 'Designing Motivation or Motivating Design? Exploring service design, motivation and behavioural change'. *Touchpoint: The Journal of the Service Design Network* Vol.2 No.1, April/May 2010 (paywall version / free version PDF)

Google Scholar:
scholar.google.com/citations?user=zeFMckYAAAAJ
 Citations: 1029; h-index: 15

Academia:
cmu.academia.edu/DanLockton

ResearchGate:
researchgate.net/profile/Dan_Lockton/

Where free open-access PDF versions are mentioned, these are available at danlockton.com/publications

Marsh, N. and Lockton, D. (2010) 'Research in practice: Bringing behaviour change from lab to studio'. *Touchpoint: The Journal of the Service Design Network* Vol.2 No.1, April/May 2010 (pay-wall version / free version PDF)

Lockton, D. (2009) 'Design for sustainable behaviour: influencing users to improve efficiency of product use'. *Interfaces* 78, British Computer Society Interaction Group, Spring 2009 (free open access PDF)

Lockton, D., Harrison, D., Stanton, N.A. (2008) 'Making the user more efficient: Design for sustainable behaviour'. *International Journal of Sustainable Engineering* Vol.1 No. 1, pp. 3-8, March 2008 (paywall version doi:10.1080/19397030802131068 / free open access version)

Lockton, D. (2006) 'Architectures of Control in product design'. *Engineering Designer: The Journal of the Institution of Engineering Designers*, March/April 2006 (free open access PDF)

Conference papers and extended abstracts

Carter, F., Mata-Marin, S., Onafuwa, D., Ansari, A., Lockton, D. (2017). 'Changing behavior of the systems we're in: Designing for transitions in Environment, Economy, and Democracy'. RSD6: Relating Systems Thinking and Design 6 Symposium, 18-20 October 2017, Oslo.

Van de Zande, T. and Lockton, D. (2017). 'Printerface: Screen Printed Electroluminescent Touch Interface'. ISS '17: 2017 ACM International Conference on Interactive Surfaces and Spaces, 17-20 October 2017, Brighton, UK.

Mata-Marin, S. and Lockton, D. (2017). 'Technologies of Division: Everyday Bordering'. NORDES 2017: 7th Nordic Design Research Conference, 15-17 June 2017, Oslo. (free open access PDF)

Pao, D., Stevens, J., Lockton, D., Weinstein, N. (2017). 'Together in Electric Screams: A Survey of EPR Usability and Clinician Wellbeing'. BASHH-SSSTDI Annual Conference, 18-20 June 2017, Belfast.

Lockton, D., Ricketts, D., Aditya Chowdhury, S., Lee, C.H. (2017). 'Exploring Qualitative Displays and Interfaces'. CHI EA '17: ACM CHI Conference on Human Factors in Computing Systems, Denver, Colorado, 6-11 May 2017. Extended Abstracts, pp. 1844-1852. (paywall version doi:10.1145/3027063.3053165 / free self-archived version PDF)

Terzioğlu, N., Brass, C., Lockton, D. (2016). '3D Printing for Repair: A Paradigm Shift in Fixing Our Relationships with Things'. *Sustainable Innovation 2016: Circular Economy Innovation & Design*, 7-8 November 2016, Epsom, UK. (free open access PDF)

Lockton, D. (2016). 'Transition Lenses: Perspectives on futures, models and agency'. *Transition Design Symposium: Can Design Catalyse the Great Transition?* 17-19 June 2016, Dartington, UK. (free draft version PDF)

Terzioğlu, N., Brass, C. & Lockton, D. (2015) 'Understanding User Motivations And Drawbacks Related To Product Repair'. *Sustainable Innovation 2015*, 9-10 November 2015, Epsom, UK. (free open access version PDF)

Choi, Y., Lockton, D., Brass, C., & Stevens, J. (2015) 'Opportunities for sustainable packaging design: Learning from pregnancy as a metaphor'. *Sustainable Innovation 2015*, 9-10 November 2015, Epsom, UK. (free open access version PDF)

Ranner, V. & Lockton, D. (2015) 'Reflective Silk—Behaviour Change through Better Self-Knowledge'. *DRHA 2015: Digital Research in Arts and Humanities*, 1-3 September 2015, Dublin (abstract)

Lockton, D., Bowden, F., Brass, C. & Gheerawo, R. (2014) 'Powerchord: Towards ambient appliance-level electricity use feedback through real-time sonification'. *UCAmI 2014: 8th International Conference on Ubiquitous Computing & Ambient Intelligence*, 2-5 December 2014, Belfast (free draft version PDF)

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