LONDON'S GLOBAL UNIVERSITY

Job Description

Lecturer Digital Technologies and Policy

Grade 8: £45,610 - £53,757 (*inclusive of £3,461 London Allowance) plus £7,500 Market Supplement*

Department: Science, Technology, Engineering and Public Policy (STEaPP)

Location: **UCL STEaPP, Shropshire House, Bloomsbury**

Reports to:

Head of Department (HoD)

Context

UCL STEaPP is seeking a talented, innovative, and industrious scholar with teaching, research and policy engagement experience in the area of digital technology policy.

The Digital Technologies Policy Lab at UCL STEaPP is a growing centre for teaching and research relevant to the pressing domestic and global policy challenges posed by emerging digital technologies. Our work spans several critical areas in this domain pertaining to the regulation and governance of digital technologies, systems, and processes such as the Internet of Things (IoT) and algorithmic decisional tools, issues pertaining to technology-facilitated abuse and discrimination, as well as problems of international cybersecurity and privacy. We are looking for a dynamic, forward-thinking, collaborative colleague with an appetite for working across disciplinary boundaries.

The successful applicant will join a dynamic and growing department and contribute to the work of the Digital Technologies Policy Lab. Lecturers within STEaPP help lead the development and delivery of the department's expanding teaching, research and policy engagement programmes. This is an exciting opportunity for emerging and entrepreneurial scholars to develop a reputation in these areas.

The department welcomes candidates with a doctorate in any discipline and track record of relevant scholarship in critical areas pertaining to some of the following: Internet security; Internet infrastructure governance; Internet regulation; legal/ethical/technical aspects of artificial intelligence and machine learning; misinformation/ disinformation; emerging threats and online harms; economic and regulatory trends in digital markets; as well as willingness to explore the global dimension of these issues through a development and sustainability perspective. Candidates with experience working within or in collaboration with public bodies, industry, civil society, and/or international organisations on the development and implementation of digital technology policies are particularly encouraged to apply.

Deadline for application: see advert on UCL's Job Site www.ucl.ac.uk/hr/jobs/

About UCL STEaPP

The Department of Science, Technology, Engineering and Public Policy (STEaPP) at **University College London (UCL)** is an interdisciplinary department that aims to explore, experiment with, and improve the ways in which scientific, technological, and engineering expertise are engaged in public decision-making and policy processes. STEaPP has a unique portfolio of research projects that investigate public innovation systems, decision-making under uncertainty and adaptive governance mechanisms across a wide range of issues, from climate change to the management of emerging digital technologies. STEaPP operates within the Faculty of Engineering at UCL, London's leading multidisciplinary university. UCL operates in a global

context and is committed to excellence, innovation and the promotion of global understanding in all its activities: research, teaching, learning, enterprise and community engagement. UCL hosts a diverse intellectual community, engaged with the wider world and committed to changing it for the better. It is recognised for its radical and critical thinking and its widespread influence.

Main purpose of the job

Lecturers are fully contributing members of STEaPP's academic staff. The responsibilities and expectations of Lecturers within STEaPP include:

- Developing and delivering top international calibre courses and educational materials that contribute to STEaPP's portfolio of educational programmes (*teaching and education-related activities account for approximately one-third of the role*).
- Developing and delivering their own portfolio of internationally recognised, policy-relevant research activities and outputs within the focal area of their lectureship.
- Contributing to the collaborative development and execution of STEaPP's broader strategic research and policy engagement agendas; *and*
- Contributing to the development and administration of departmental programmes.

Duties and responsibilities:

The successful candidate for this lectureship will be expected to:

- Contribute as requested to teaching and student supervision within STEaPP's educational programmes and providing pastoral care and support to students. This will include providing substantial teaching in the sought-after MPA in Digital Technologies and Policy, as well as contributing to the forthcoming undergraduate programme offered in collaboration between STEaPP and Civil Engineering. Contribution to other educational programmes (e.g., MPA in Sustainable Infrastructures and Public Policy, How to Change the World, etc) may be expected.
- Actively contribute to STEaPP's vibrant doctoral research community by regularly taking on and supervising doctoral candidates in areas pertaining to digital technologies policy.
- Build and sustain a world-leading portfolio of research that directly engages and impacts policy and practitioner communities working on emerging digital technologies, while advancing the boundaries of knowledge and scholarship.
- Develop and maintain international recognition within relevant academic, policy and practitioner communities as a leading authority on digital technologies.
- Build and sustain research and policy-impact partnerships with a globally diverse range of relevant policy organisations and stakeholders.
- Contribute to the collaborative development and execution of STEaPP's strategic research and policy engagement agendas, in particular the Digital Technologies Policy Lab.
- Contribute, as requested, to the development and administration of departmental programmes, including executive education, through assuming specific leadership, administrative and/or managerial duties.

In addition, the role may require the successful candidate to:

- Represent STEaPP at relevant international fora.
- Represent STEaPP within UCL.
- Liaise with government, industry and civil society to promote STEaPP

Additional general responsibilities:

- Maintain an awareness and observation of Fire and Health & Safety Regulations.
- Actively comply and promote UCL's equal opportunities policy.
- To carry out any other duties commensurate with the grade and purpose of the post.

Person specification

Be able to map all items easily on spreadsheet

Focus on interdisciplinary

Criteria	Essential or Desirable	Assessment method (Application/Interview)
Qualifications, experience and knowledge		
Doctorate in any discipline relevant to the work of the Digital Technologies Policy Lab.	Essential	Application/Interview
Demonstrated expertise in the research areas central to the work carried out in the Digital Technologies Policy Lab, especially pertaining to some of the following: Internet security; Internet infrastructure/ digital infrastructures governance; Internet regulation; legal/ethical/technical aspects of artificial intelligence and machine learning; misinformation/ disinformation; emerging online threats/ harms; economic and regulatory trends in digital markets; as well as willingness to explore the global dimension of these issues through a development and sustainability perspective.	Essential	Application/Interview
A record of teaching excellence in higher education and proven ability to design, develop, and deliver innovative courses relevant to the educational portfolio of the Digital Technologies Policy Lab and STEaPP.	Essential	Application/Interview
Experience working successfully in an interdisciplinary research environment, and particularly in collaborating with colleagues from considerably different disciplines (*e.g., for engineers, experience collaborating with social scientists, and vice versa for social scientists*).	Essential	Application/Interview
Evidence of engagement with diverse policy and practitioner communities at the national and/or international level on issues relating to digital technology and public policy.	Essential	Application/Interview
Knowledge of one or more additional areas of research or teaching that are of relevance to STEaPP and that go beyond their primary areas of expertise. Contribution to teaching and research in collaboration with STEaPP colleagues working in infrastructure studies is highly desirable. Some knowledge of programming languages is also highly desirable.	Essential	Application/Interview
Experience working within (or in close collaboration with) public bodies, industry, civil society at national or international level that are engaged in digital technology policy.	Essential	Application/Interview
Experience of working in collaborative research teams	Essential	Application/Interview
Experience organising events or conferences that creatively convene academic, practitioner and policy audiences, particularly at the international level.	Essential	Application/Interview
Experience in preparing and or leading research-funding proposals.	Essential	Application/Interview

Concentration highlight I speak to non scientists, non engineers. Social sciences, liberal arts. resilience building

Arthur is building course

Ability data to teach survey methods topics and make students comfortable

MIT env. Ken-style Stanford

Highlight, now in IPS, INTA

that is my default

More on engagement

LEA, FBI, Europol.

Infrastructure theme

Platform class, infrastructure dev across STEAPP

Make it apparent

More on orgs & impact

Want to move back to MIT, (like env.) I can have more impact in STEAPP

Science advice and science diplomacy

Planned chapter

Epistemic authorities, diplomacy element

& Examples in a team or leading

cover these here

less on potential

more on org impact

make it clear with Stanford and disinformation work

MIT Google

Two at Stanford

Criteria Internet Infra Lab as leadership	Essential or Desirable	**Assessment method** **(Application/Interview)**
Experience contributing to the development of new programmes within higher education institutions. Concentration	Essential	Application/Interview
Skills and abilities		
Demonstrated ability to conduct and publish top quality independent research (formulating, structuring, conducting, contextualising, presenting outputs), and/or equivalent contributions to advancing knowledge within professional practice, relevant to digital technologies policy. Lead IOT SIG, Work with APWG	Essential Letters from Sev & Peter ✓	Application/Interview
Demonstrated potential (via publications, grants, and other projects, activities and recognitions) to develop an international if possible reputation as a leading scholar on critical aspect(s) of digital technology policy, especially pertaining to some of the following: Internet security; Internet infrastructure/ digital infrastructures governance; Internet regulation; legal/ethical/technical aspects of artificial intelligence and machine learning; misinformation/ disinformation; emerging online threats/ harms; economic and regulatory trends in the digital markets; As well as willingness to explore the global dimension of these issues through a development and sustainability perspective.	Essential Development of anti abuse in LAC and Africa	Application/Interview
Demonstrated interest in and ability to work collaboratively in highly interdisciplinary and intercultural teams and environments.	Essential	Application/Interview
Strong relationship-building and ambassadorial skills for engaging diverse external audiences and stakeholders. Research fieldwork	Essential	Application/Interview
Proven record of ability to manage time and work to strict deadlines. Couple of examples: Stanford. Concentration pushed earlier	Essential	Application/Interview
Excellent interpersonal, oral and written communication skills. starting point	Essential	Application/Interview
Demonstrated ability to develop new curriculum for undergraduate, graduate and professional/executive programmes. helped, not run	Desirable	Application/Interview
Demonstrated ability to supervise academic work by undergraduate, postgraduate and/ or doctoral students. Undergrad at MIT, current students, show appetite for doctoral	Desirable	Application/Interview
Demonstrated ability to apply for and win research funding. Stanford and Google, both competitive	Desirable	Application/Interview
Demonstrated ability to supervise and direct the work of research teams (or equivalent). Internet Infra Lab	Desirable	Application/Interview
Personal Attributes		
Strong interest in and propensity for interdisciplinary collaboration and teambuilding.	Essential	Application/Interview
Demonstrate enthusiasm for developing and advancing innovative teaching methods and diverse student learning opportunities.	Essential	Application/Interview

↳ Demonstrate with student
peer reviews, flipped classroom.
project driven (deep dive, then policy memo)

frame engagement at different levels
CC, work with Marking

ways you get them to engage

structures their engagement as policy engagement method

Criteria	Essential or Desirable	**Assessment method** **(Application/Interview)**
Creativity and enthusiasm for developing novel policy engagement methods. Novel policy engagement methods	Essential	Application/Interview
Highly open and collaborative approach to research, teaching, policy engagement and other professional activities.	Essential	Application/Interview

Willing to work with others, learn, excited about what is going on in STEAPP interest in Policy Impact unit.

To apply for this position visit:

ucl.ac.uk/jobs

For more information about the role please contact Prof Arthur Petersen email: arthur.petersen@ucl.ac.uk or Prof Joanna Chataway (Joanna.chataway@ucl.ac.uk).

For queries about the application process please contact STEaPP.HR@ucl.ac.uk