JOB DESCRIPTION

Job Title:	Professor of Creative Technologies (and StoryFutures Director of Technology,) Professional Practice
Department / Unit:	StoryFutures; Computer Science (School of Engineering, Physical and Mathematical Sciences); and Media Arts (School of Performing and Digital Arts)
Job type	Full Time, Permanent
Grade:	Professorial
Accountable to:	Director of StoryFutures, Heads of Departments (Computer Science & Media Arts)
Accountable for:	

Purpose of the Post

Royal Holloway is committed to enabling high quality, impactful and inclusive research and education and to creating value through and for our people. In recognition of this, and our sector leadership in the area of creative industries a new Professorial post of Creative Technologies has been created: an exciting interdisciplinary role as a joint appointment between StoryFutures, the School of Engineering, Physical and Mathematical Sciences (EPMS); and the School of Performing and Digital Arts (PDA).

The postholder will provide leadership for research and development in creative technologies, ensuring that the opportunities of the StoryFutures and CoSTAR National Lab are integrated across all partners in the CoSTAR network and fully realised within both EPMS and PDA. They are expected to provide R&D and industry leadership for StoryFutures within the context of existing, and future, funding awards and the University's wider creative industries strategic plan and priorities.

As StoryFutures Director of Technology, the postholder will be responsible for setting and integrating technical vision within the strategies for StoryFutures and the CoSTAR National Lab.

The postholder will work across StoryFutures, EPMS, PDA, and the wider university community to realise the potential for interdisciplinary research and education opportunities. Within StoryFutures they will work in collaboration with the Director of StoryFutures and StoryFutures Director of Operations to deliver effective R&D leadership, planning, resource allocation and management to ensure innovation and excellence in blue skies research as well as on closer-to-market R&D and knowledge exchange. Within EPMS and PDA, the postholder will fulfil a leadership role in integrating creative technology opportunities into the portfolio of education delivery, student experience, staff training and upskilling, research, partnerships and knowledge exchange activities. Across their role, the postholder will develop and deliver world-leading industry-focused learning and skills development

activities through curriculum design, teaching materials, and evaluating their impact on student learning and career development.

Key Tasks

External Engagement and Leadership

To take leadership on the below areas within the StoryFutures National Lab, working with EPMS and PDA to ensure the benefits and opportunities of StoryFutures are fully realised in School research, knowledge exchange, impact and student strategies.

- Lead the strategic and technical vision for full-stack research and development of technology and design work in collaboration with StoryFutures leadership team, with a focus on cross-disciplinary and full stack integration.
- Contribute fully to StoryFutures, EPMS, PDA Equality, Diversity and Inclusion (EDI) strategies and work to embed and drive these goals to create an inclusive and support working environment for all.
- Partner with leadership at CoSTAR Network Labs to ensure research and development strategies, data, pipelines, and opportunities are leveraged and amplified between RHUL, StoryFutures HEIC partners, and the Network Labs.
- Develop and lead activities for academic staff across the University to engage within StoryFutures, including effective representation of staff research and development capabilities into the design and delivery of EPMS and PDA programmes.
- Demonstrate and maintain substantial and significant networks within industry: business and professional bodies that provides ability to deliver strategic value for the University.

Professional practice
- Lead critical review processes for research projects in the national lab, developing and implementing review structures that span a variety of disciplines and research timelines.
- Supervise and mentor research and academic staff in professional contexts for delivery of large-scale creative industries projects.
- Lead substantial projects with external agencies, including those generating significant grant or commercial R&D income (cash, in-kind, facilities) for the University as a principal or co-investigator.
- Sit on Creative Industry Advisory Board(s)
- Instigate and engage in public forums, community meetings or links with business, health or government and policy groups, and educational and knowledge exchange collaborations with creative industry and international partners.
- Set and integrate technical vision within the strategies for StoryFutures and the CoSTAR National Lab, including architecture, working models, and collaboration across the full stack of research and engineering to invent the next generation of screen and live performance technology.
   Guide multi-institution technical priorities across the CoSTAR National Lab.

Teaching

- Contribute to growing and enhancing undergraduate and postgraduate provision to develop the existing and future workforce in the creative technologies
- Engage with students at all levels (undergraduate, postgraduate taught and doctoral), creating and enhancing industry-focused opportunities (including placements, internships, workshops, the delivery of creative industries projects, etc) to enhance employability
- Work with colleagues across disciplines in the continuous review and development of courses and the curriculum to ensure they meet current and future industry requirements
- Contribute to educational delivery across EPMS and PDA (e.g. project supervision, teaching and assessment) and contribute to the development of new, cross-disciplinary, programmes.
- Promote the use of innovative, accessible and inclusive methods and techniques in teaching, learning and assessment that meet the needs of a diverse range of learners
- Take an active role in the recruitment and supervision of doctoral students, educational and knowledge exchange collaborations with creative industry and international partners.

Line Management

- Line Management of research, technical and academic staff, ensuring that a culture where diversity, inclusion and sustainability are embedded in across all activities, in particular StoryFutures R&D strategies and projects.

Other Duties

The duties listed are not exhaustive and may be varied from time to time as dictated by the changing needs of the University. The post holder will be expected to undertake other duties as appropriate and as requested by their manager.

The post holder may be required to work outside of standard working hours on occasion, and to work at any of the locations at which the business of Royal Holloway is conducted.

The post holder may be asked to deputise for the Director of StoryFutures.

Represent the University to the outside world, to further the University's interests and secure its objectives

Promote and maintain equality of opportunity and diversity with respect to both University staff, students, and external stakeholders

Internal and external relationships

The following list is not exhaustive, but the post holder will be required to liaise with:

Internal:
StoryFutures Management Team; Executive Deans of EPMS and PDA; Heads of Department for Computer Science and Media Arts; Associate Pro-Vice Chancellors for Research and Innovation, Partnerships and External Collaboration, Postgraduate Research; School Vice Deans for Research, Education and Student Experience, Equality, Diversity and Inclusion;

Members of the University Senior Leadership Team; Professional Services Teams, including Research and Innovation , Finance, IT, HR, Marketing and Communication.

External:
National and international research colleagues and networks; schools and other educational stakeholders, the media, non-HEIs in the sector, governmental organisations and other possible outreach partners as appropriate, and Research Councils.