

Job Profile – Heritage Scientist

Location: Hampton Court Palace

Reports to: Heritage Science Manager

Responsible for: No direct reports. Occasional students/interns and contractors

Purpose of this role:

To deliver heritage science operations and research projects that support the CCC-CM team's annual and longer-term programme of scientific investigations and research. This includes supporting the Heritage Science Manager on major research initiatives with internal and external stakeholders, and aiding conservators with science-based research queries and investigations, ensuring this work is to highest professional standards. Responsible for laboratory maintenance and operations to ensure a smooth running and supportive service, and pro-actively explaining their work to promote heritage science at HRP to generalist and specialist audiences.

Date: October 2022

What you will be doing in your role:

Scientific research to support conserving (80%)

- Perform advanced primary and secondary scientific research according to CCC CM's annual and longer-term scientific research and operations programmes.
- Deploy non-destructive or micro sample analyses and be familiar with operating the HRP Heritage Science Laboratory instrumentation (e.g. light microscopy, SEM-EDS, FTIR, XRF, HPLC, hyperspectral imaging).
- Perform scientific experimental work, material testing or specialist environmental monitoring to inform CCC CM's environmental risk management and conservation treatment work.
- Compile research/experimental/testing findings to produce authoritative scientific reports.
- Provide mentor guide support to conservators for conservator-based research projects, including advising on design of correct scientific methodology for their research projects and assisting their analysis and interpretation of research data.
- Specialist information management and documentation role - maintain CCC CM scientific technical reports and primary research data to ensure sharing and access within CCC CM and external collaborators.
- Responsible for routine testing of materials for suitability for the conservation treatment and/or display of collections (e.g. Oddy tests).

- Carry out COSHH/risk assessments for procedures and chemicals used during work. With the Heritage Science Manager, ensure all health and safety requirements are met within the science lab, wash building and on-site work.
- Maintain specialist equipment in the science lab and wash building facilities.
- Undertake any other reasonable tasks as requested by your manager.

Explaining and training (20%)

- Communicate to promote and profile CCC CM heritage science work within HRP (e.g. *Ask the Conservator* events, front-of-house and members talks, etc), at professional forums (e.g. academic publications, conference and seminar presentations, etc) and web / social media according to the CCC CM communications plan.
- With the Heritage Science Manager, be the educator of students/interns and CCC CM conservators for operation of specialist scientific equipment, methodology and analysis of findings.
- Support the supervision of postgraduate academic students (Masters and PhD).

In addition to your main areas of responsibility, the Performance Framework qualities and behaviours that are required from all our people for successful delivery of our Cause and Strategy are summarised below:

Memorable Experiences

Going above and beyond to create personalised experiences that inspire and provoke change

Simplify and Adapt

Cutting through complexity to find simple solutions and encourage agile ways of working

Money Matters

Generating the money to grow our impact and care for our palaces; creating a culture of getting better value and increasing our financial headroom

Fresh Thinking

Demonstrating the courage to push the boundaries, striving to stretch ourselves

In this Together

Working collaboratively across the organisation, investing time in building trusted relationships to create 'one team – one HRP'.

Other requirements

In addition to the above you are also required to have read and comply with the rules/standards contained in HRP's Code of Conduct, including Health and Safety requirements. The Code of Conduct can be found in your Staff Handbook.