

POSITION SUMMARY
QUEEN'S UNIVERSITY - GENERAL STAFF

POSITION TITLE:	Research Associate, Isabel Bader Fellowship in Art Conservation		
DEPARTMENT:	Art History & Art Conservation		
POSITION NUMBER:	00505435		
GRADE:	6	EFFECTIVE DATE:	January 1, 2020

JOB SUMMARY:

The Research Associate, Isabel Bader Research Fellow in Artifacts Conservation will benefit from a unique opportunity to undertake research in an academic setting, while acquiring essential pedagogical and communication skills. This Fellowship is designed to enhance skills in research and communication with an ambitious program tailored to the needs and skills of the successful candidate.

Working closely with the Professor of Artifacts Conservation, the Research Associate will undertake research linked to current program goals and will develop workshops to be delivered to graduate students within the Artifacts stream. Under the direction of the Professor, the incumbent will be responsible for two short research projects, including their design, implementation and analysis, ideally resulting in papers presented at professional conferences and published in peer-reviewed journals. Additionally, the Research Associate will design focused workshops on special topics within the existing curriculum, to support their pedagogical development and skills.

The Research Associate Fellow will use judgement and personal initiative to meet the needs of the project, while working collaboratively with faculty and students. The research will require the Fellow to work with common organic solvents and may include working with other hazardous materials. Thus, knowledge of safe working practices is essential.

This role is supported by a grant from Bader Philanthropies Inc.

KEY RESPONSIBILITIES:

- Develop and undertake two research projects related to modern sculpture, including their design, development, testing and implementation under guidance from the Professor of Artifact Conservation.
- Undertake risk assessments and ensure compliance with University regulations and standards for safety, data management and ethics.
- Analyse data and interpret results relating to the research projects
- Document and disseminate research activity, including preparation of papers for publication.

- Undertake administration in relation to project activities including monitoring activity, sourcing materials and data entry
- Develop and deliver select workshops within the existing Conservation curriculum
- Deliver an annual public lecture on Fellowship activity
- Support laboratory activity including equipment maintenance, responding to inquiries relating to conservation of artifacts and advising/supervising students with the program.
- Support research activity including conducting regular literature reviews and assisting with funding and grant applications
- Undertake other duties as required to support the program.

REQUIRED QUALIFICATIONS:

- Graduate specializing in artifact conservation from a recognized post-baccalaureate training program (MAC, MA, MSc, or PhD level) in either Canada or abroad
- Two years post-graduate experience in areas relevant to the research project
- Post-graduate experience in an academic or museum setting would be considered as asset
- Familiarity with metals and corrosion mechanisms would be considered an asset

SPECIAL SKILLS:

- Experience with polarized light microscopy and digital photography
- Knowledge of different analytical techniques, including Fourier-Transform Infrared Spectroscopy and X-Ray Fluorescence
- Strong technical and analytical skills
- Solid understanding of research methodology
- Strong oral communication and interpersonal skills
- Strong writing and research skills and the ability to condense and clarify information
- Detail-oriented
- Effective mentoring skills and tactfulness
- Ability to work independently
- The ability to undertake risk assessments and experience complying with safety, data management and ethical guidelines.

DECISION MAKING:

- Research projects: Make decisions regarding experimental approach. Adapt protocols and procedures as required. Assess progress and determine alternative methods. Develop novel experimental approaches to questions.
- Research and make a recommendation regarding supplier or manufacturer.
- Coordinate activity with other research initiatives within the program. May allocate work to students.
- Evaluate references from literature searches to underpin research projects
- Assess quality control of samples and analytical equipment, to ensure the research standard is correct.
- Determine whether a particular procedure falls well within ethical guidelines.
- Determine appropriate methods of handling hazardous materials within safety guidelines and appropriate emergency response to minimize damage.

**RESEARCH ASSESSMENT QUESTIONS:
(must be completed)**

YES NO

- | | | |
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| 1. Is this position technical in nature in a teaching or research lab or lab-related area? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Does this position support a research project?
If yes, indicate name of the project: | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Does this position report directly to a Principal Investigator (PI)?
If yes, indicate name of the PI: Patricia Smithen/Emy Kim | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SIGNATURES:

Date

_____	_____
Incumbent	
_____	_____
Manager	
_____	_____
Department Head/Director or Designate	