

Stuart Fleming Papers

0076

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University of Pennsylvania, Penn Museum Archives

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Summary Information

Repository	University of Pennsylvania: Penn Museum Archives
Creator	Fleming, Stuart J., b. 1943
Title	Stuart Fleming Papers
Call number	0076
Date [inclusive]	1978-2009
Extent	5 linear feet
Language	English
Abstract	Fleming was appointed as Scientific Director of MASCA starting in 1978. Under his direction MASCA broadened its analytical techniques from a focus on Carbon 14 dating, to the inclusion of many other specialized scientific approaches to answering anthropological/archaeological questions, including other dating techniques such as Thermoluminescence and materials analysis techniques such as Proton Induced X-ray Emission (PIXE).

Biography/History

Born July 4th 1943, physicist Stuart Fleming received his B.A. in Natural Sciences from Oxford University in 1964, and his doctorate from the Research Laboratory for Archaeology and History of Art at Oxford in 1969, with his thesis *The Acquisition of Radioluminescence by Ancient Ceramics*. Fleming was appointed as Scientific Director of MASCA starting in 1978. Under his direction MASCA

broadened its analytical techniques from a focus on Carbon 14 dating, to the inclusion of many other specialized scientific approaches to answering anthropological/archaeological questions, including other dating techniques such as Thermoluminescence and materials analysis techniques such as Proton Induced X-ray Emission (PIXE).

His primary body of publications is concerned with the use of scientific processes to ensure authenticity of art objects, as well as various dating techniques on materials such as metals, ceramics and mummified human remains. He was an instigating force behind the 1997 Penn Museum exhibition on Roman Glass.

Scope and Contents

The Stuart Fleming Papers consists largely of textual records pertaining to Fleming's personal research as well as his position as Scientific Director of MASCA. A number of photographs, x-rays, and drawings are also included and have been left in their original folders pending future accessions and reprocessing. The collection contains the following series 1) Research/Projects 2) Correspondence 3) Biographical 4) Exhibits.

Research/Projects

This series contains photos and textual records pertaining Stuart Fleming's individual research including numismatics and the authenticating of art objects using analytical scientific techniques, as well as individual projects for outside institutions.

Correspondence

This series contains the professional correspondence of Stuart Fleming.

Biographical

This series contains biographical information, including Stuart Fleming's CV.

Exhibits

This series contains records pertaining to Stuart Fleming's exhibition planning activities, most notably the Roman Glass exhibition at the Penn Museum, including textual records, photographs and technical drawings. Additionally, some lecture notes are included.

Administrative Information

University of Pennsylvania, Penn Museum Archives

Controlled Access Headings

CORPORATE NAME(S)

- British Museum.
- MASCA research papers in science and archaeology .
- MASCA.

FORM/GENRE(S)

- Photographic prints

GEOGRAPHIC NAME(S)

- Nippur (Iraq)
- Pachacamac, Peru

PERSONAL NAME(S)

- Fleming, Stuart J., b. 1943
- Miller, Naomi Frances
- Pigott, Vincent C.

SUBJECT(S)

- Art history
- Exhibits
- Physical anthropology

Collection Inventory

RESEARCH/PROJECTS, 1974-2000.

	Box
Peru X-Rays and Photographs# [1982].	1
Dr. Uhle [1985].	
[Medical Education Symposium 1981].	1
Silver Lyre (Slides/X-Rays) [1994].	1
Silver Lyre.	1
Silver Lyre 6-95.	1
Nippur (Microscopy Photos) [2000].	1
[Nippur 1985].	1
[Nippur 2000].	1
Meidum - G. Lease Correspondance.	1
[Meidum 1987].	1
[Meidum 2 1987].	1
Meidum: Extra BW Prints & Polaroids [1987].	1
Silver Photographs.	1

Silver Photographs.		1
FMP Vessels.		1
Facial(?) & Exhibits [1994].		1
Schenck & Knox [Tourin Shroud].		1
Coins [1995-1997].		1
		Box
Sivabitheus.		1
TL Introd.		1
[Coins 1].		1
[Coins 2].		1
Coins in Database.		1
[Art Photos].	1	1
Paintings: Photos [1976-1981].		1
Pachacamac [1986].		1
[Disease].		1
		Box
[Photos/Data ca. 1975].		1
		Box
[Photos/Data 1].		1
[Photos/Data 2].		1

[Photos/Data 3].	3
[Photos/Data 4].	1
[Art Photos/Dating].	1
[Art Photos 2 1974-1977].	1
	Box
[Art Photos 3].	1
Coins [ca. 1975].	1
	Box
[Coins 1].	1
Harris.	1
[Coins 2].	1
X-Ray [1976].	1
	Box
[X-Ray 1].	1
[X-Ray 2].	1
[X-Ray 3].	1
[X-Ray 4].	1

CORRESPONDENCE, 1978-1990.

	Box
Barbara Hall [1979].	2
Printing Materials [Misc. Correspondance 1981-83].	2
Rosen [1998].	2
[Correspondance 1978, 1980, 1990].	2

BIOGRAPHICAL.

	Box
SJF CV/Typedata.	2

EXHIBITS, 1986-1996.

	Box
Mummy Slides Lecture Notes [1995].	2
Carthage [Roman Glass ca. 1995].	2
NEH Grant 6-95 [Roman Glass ca. 1995].	2
Flasks - URF '95 [Roman Glass].	2
NEH Paperwork [Roman Glass 1995].	2
	Box

[NEH 1].	2
[NEH 2].	2
[NEH 3].	2
[NEH 4].	2
[NEH 5].	2
[NEH 6].	2
[Correspondance Roman Glass 1991-93].	2
Notes: Scanning Test [Roman Glass ca. 1995].	2
Purchase Orders [Roman Glass ca. 1995].	2
Exhibit [Roman Glass ca. 1995].	2
Misc. Notes [Roman Glass ca. 1995].	2
Grant Application '92.	2
Exhibition: Grant Application, Planning [1993].	2
Progress Reports #'s [1993].	2
[Roman Glass (Binder) Drawings (1 of 10) 1991-1996].	2
[Roman Glass (Binder) Drawings (2 of 10) 1991-1996].	2
[Roman Glass (Binder) Drawings (3 of 10) 1991-1996].	2
[Roman Glass (Binder) Drawings (4 of 10) 1991-1996].	2
[Roman Glass (Binder) Drawings (5 of 10) 1991-1996].	2

[Roman Glass (Binder) Drawings (6 of 10) 1991-1996].	2
[Roman Glass (Binder) Drawings (7 of 10) 1991-1996].	2
[Roman Glass (Binder) Drawings (8 of 10) 1991-1996].	2
[Roman Glass (Binder) Drawings (9 of 10) 1991-1996].	2
[Roman Glass (Binder) Drawings (10 of 10) 1991-1996].	2
Border's etc. [1991-1996] (Roman Glass Drawings).	2
Bag'ah Cu [1986-1987].	2
British Museum (Levna) [1987].	2
Na-Loss in Glass [1992].	2
Quality Copies (Duplicates of Binder) [1991-1996].	2