

# WORKSHOP

*exploring research data management in the visual arts*

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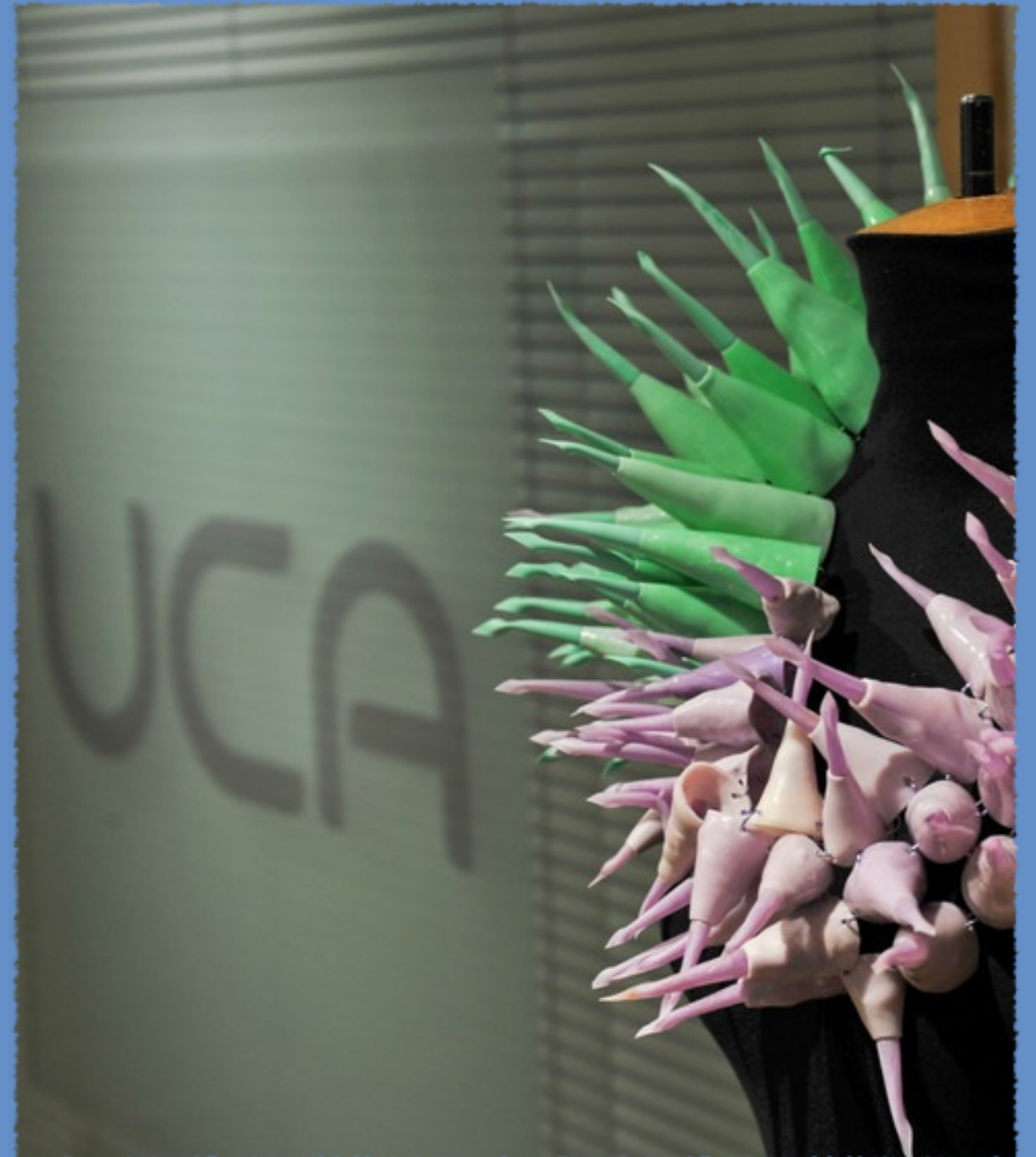
*exploring research data management in the visual arts*

**Leigh Garrett**

Director

Centre for Digital Scholarship

University for the Creative Arts





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## University for the Creative Arts

- 1866 Farnham School of Art
- 1867 Maidstone College of Art
- 1870 Guildford School of Art
- 1882 Canterbury School of Art
- 1886 Medway College of Design
- 1896 Epsom & Ewell School of Art
- 1948 Canterbury School of Architecture
  
- 2008 University for the Creative Arts
- 2010 Zandra Rhodes installed Chancellor





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## University for the Creative Arts

- animation
- architecture
- ceramics
- film
- fashion
- fine art
- glass
- graphic design
- illustration
- interior design
- jewellery
- journalism
- photography
- product design
- silversmithing
- textiles



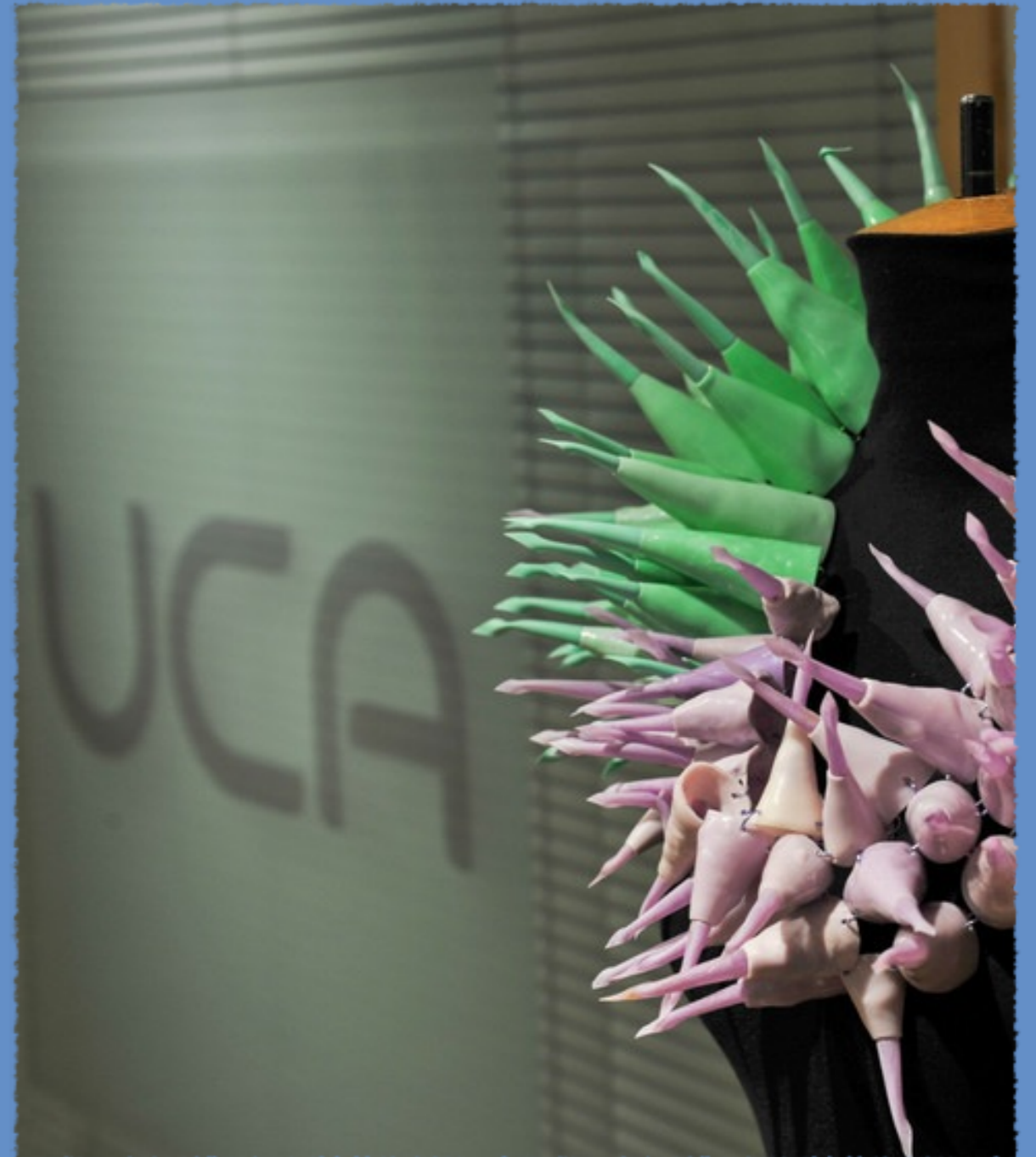


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## Centre for Digital Scholarship

- 1996 visual arts data service established
- national repository for images and metadata: 120,000 items; 300 collections; range of learning and teaching resources; focuses on the visual arts; free for educational use
- <http://www.vads.ac.uk>



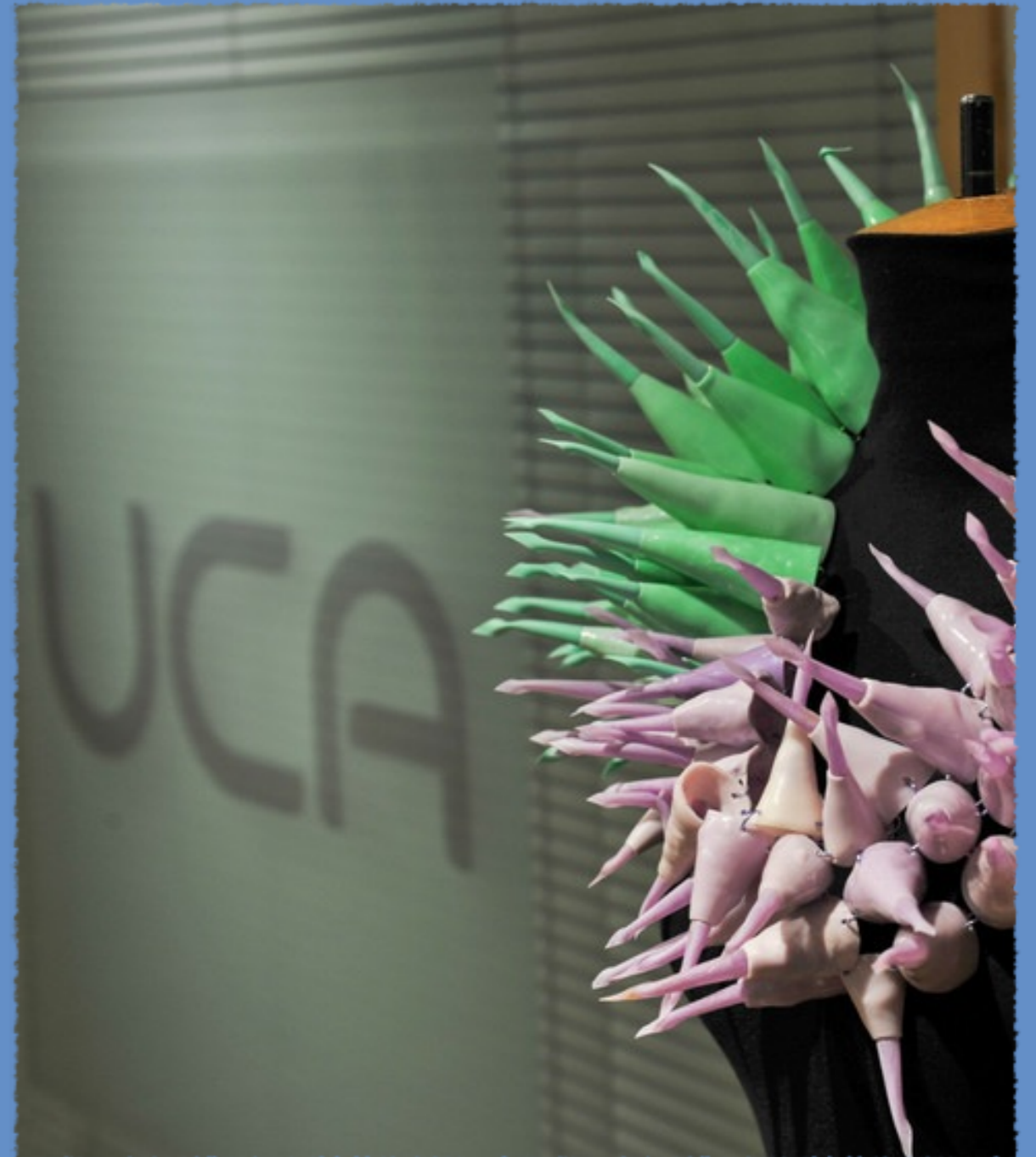


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## Centre for Digital Scholarship

- 2008 granted status of research centre
- led and worked on a number of publicly funded projects within the field of digital asset management in the visual arts
- 2012 area of expertise widened to include the application of technology to learning, teaching and research





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## Research Data Management

KAPTUR (2011-2013)

- explore the nature of research data
- recommendations for its management
- develop a model of best practice
- apply, test and refine the model
- disseminate the outcomes

VADS4R (2013-2014)

develop a series of workshops and toolkits  
to engage early careers researchers and  
students with research data management  
practice



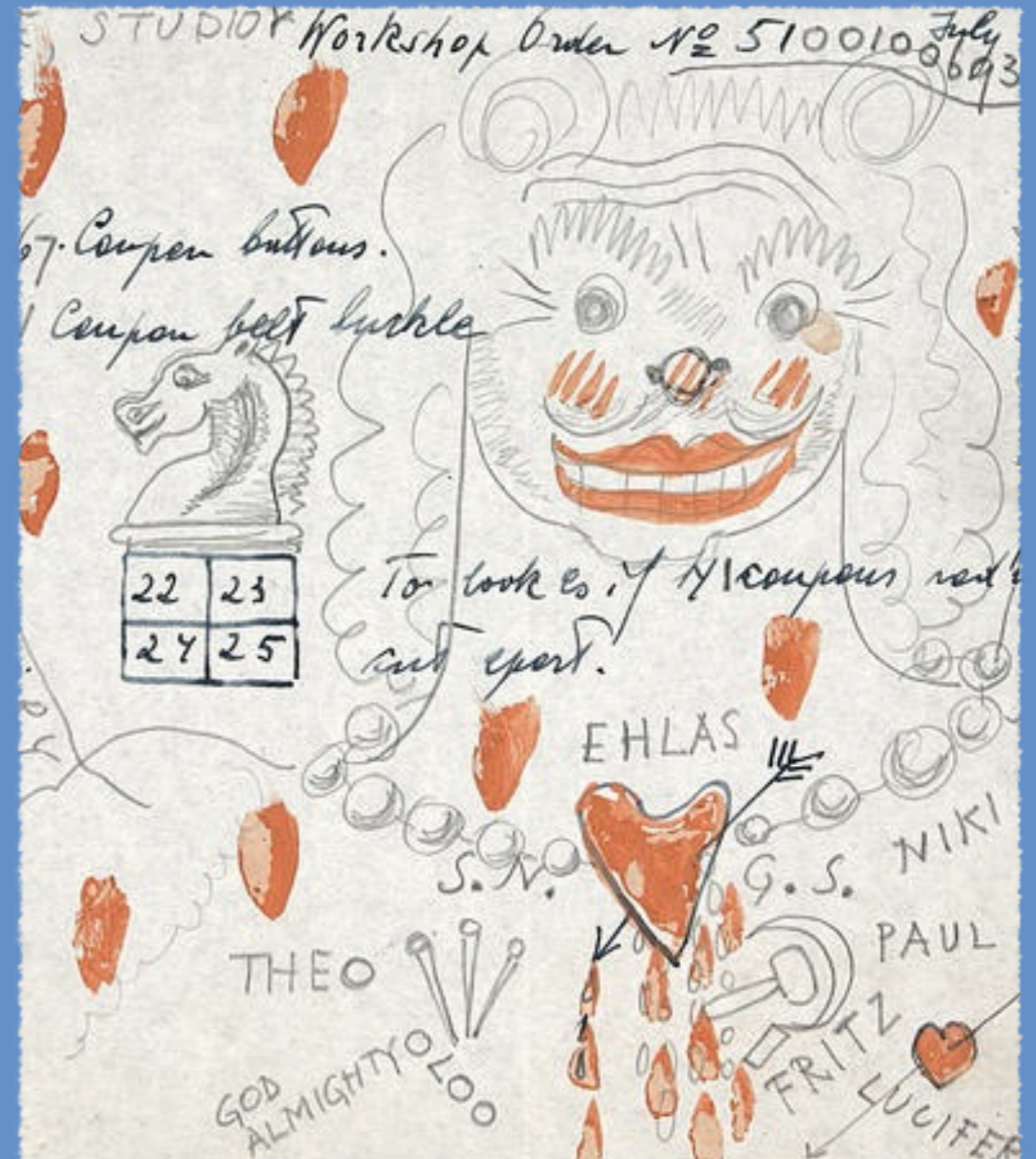


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## Learning Outcomes

- appreciate the complexity and diversity of research data in the visual arts
- understand the importance of research data in the visual arts
- summarise the basic principles of research data management
- apply the principles of good research data management to your research practice.







**Activity 1: What is research data?**



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## What is research data?



17

(from xxviii)

XLVI Hawthorn Ash 4 China Clay 2  
Felspar 4 203 " 2  
Quartz 1 Flint 49 1.  
1929 Ch. 1. Rather dull grey. About 59 heat.

XLVII Hawthorn Ash 4 China Clay 2  
Felspar 4 203 " 2  
Quartz 1 Flint 49 2  
1929 Ch. 1. Very much like XLVI but slightly  
lower temperature

XLVIII Hawthorn Ash 4 China Clay 2  
Felspar 4 203 " 2  
Quartz 1 Flint 49 2  
1929 Ch. 1. Like XLVI but slightly higher  
temperature.





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## **What is research data? What do you think...**

*'Evidence which is used or created to generate new knowledge and interpretations. 'Evidence' may be intersubjective or subjective; physical or emotional; persistent or ephemeral; personal or public; explicit or tacit; and is consciously referenced by the researcher at some point during the course of their research. As part of the research process, research data may be collated in a structured way to create a dataset to substantiate a particular interpretation, analysis or argument. A dataset may or may not lead to a research output, which regardless of method of presentation, is a planned public statement of new knowledge or interpretation.'*





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## What is research data? What do you think...

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Garrett, L. (2013) Introducing Research Data Management in the Visual Arts.  
Online at: <http://www.vads.ac.uk/vads4r/falmouth.pdf>



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## Oh you mean stuff...

*'...I'm just like anyone else I've got boxes of stuff, I've got a garden shed and then I've got files, I've got electronic files and I've got physical files, I've got ring binders full of clippings, full of photographs, and I've got documents of exhibitions that I've been in, I've got catalogues of exhibitions I've been to...'*

Visual Researcher  
KAPTUR Environmental Analysis (2012)







Oh you mean stuff...

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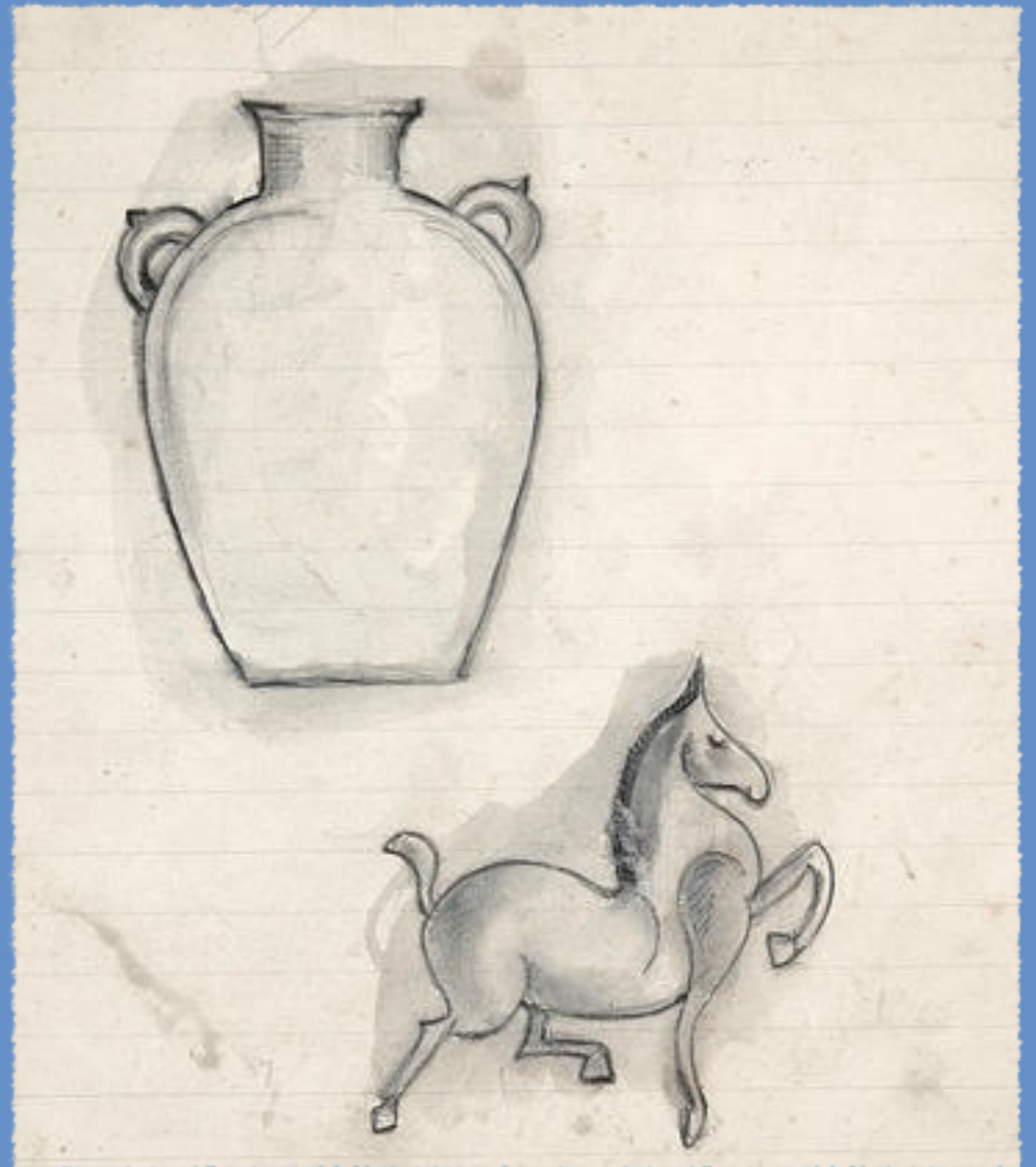
## What is research data?

### Researchers agree

- research data is important
- they want to share research data
- they want to document their research process but do not use any particular standard or methodology

### Research data is

- tangible and intangible
- heterogeneous and infinite
- complex and complicated
- physical and digital







## Activity 2: Why manage research data?



## The special collections of tomorrow...

Sarah Jane, Archivist, Falmouth University

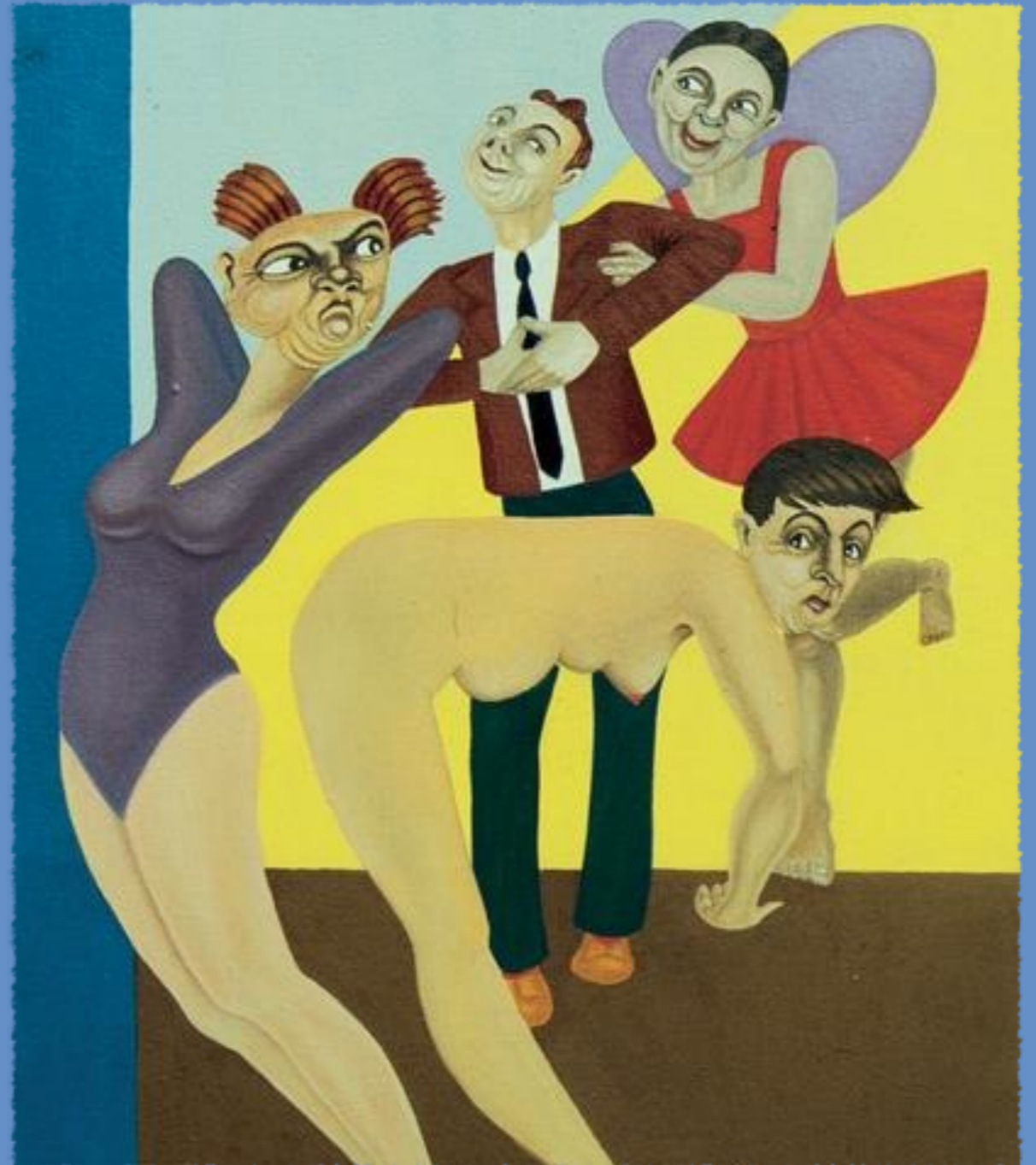


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## Why manage research data?

- funder requirements
- demystify artistic methods
- enhance discoverability
- minimise data loss
- new applications
- reliability and validity
- new interpretations
- track impact more accurately
- semantic web tools can discover links
- promote research opportunities
- maximise value of public funding
- showcase and maximise impact





## The researcher perspective...

Dr Yuwei Lin, Course Leader Communications & Media, University for the Creative Arts





## The postgraduate perspective...

Gail Baxter, postgraduate student, University for the Creative Arts



**Activity 3: What do you need to consider when managing research data in the visual arts?**



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## What do you need to consider when managing research data in the visual arts?

- ethics, legal compliance, copyright and licensing
- naming conventions, metadata and documentation
- risks, data storage and backup
- standards and formats
- what to preserve, how and costs
- where to publish, to whom for how long and costs
- responsibilities



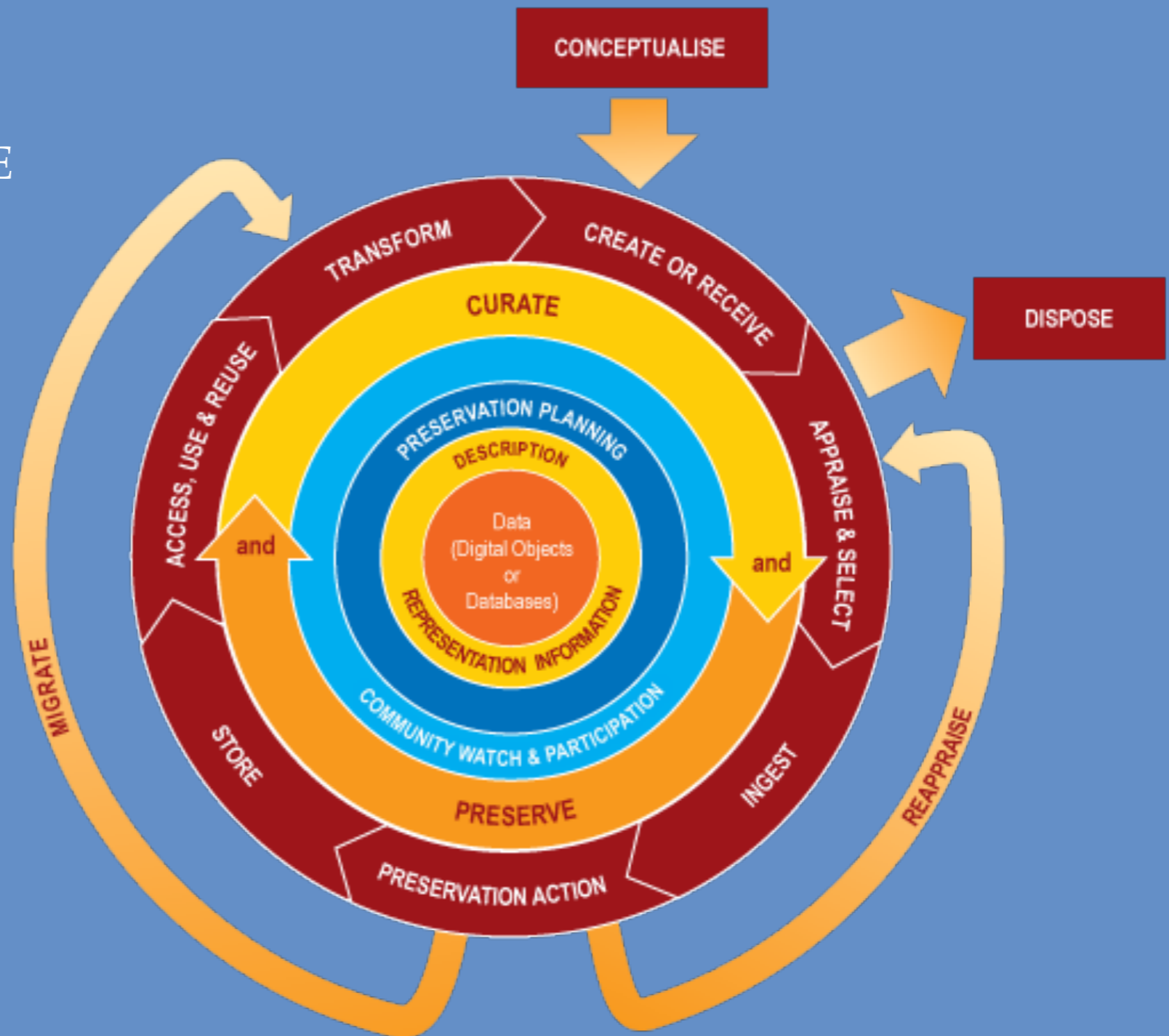
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## Curation Lifecycle

DIGITAL CURATION CENTRE

- conceptualise
- create
- appraise
- ingest
- preserve
- store
- access and use
- transform





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## Curation Lifecycle

CAIRO, UNIVERSITY OF BRISTOL



Curating Artistic Research Output: Lifecycle Model

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## Curation Lifecycle

- **CONCEPTUALISE**  
defining a research project or funding proposal and writing a research data management plan
- **CREATE & SELECT**  
what is likely to be important in future, remember to consider legal, contractual and ethical issues
- **ORGANISE**  
file management, documentation, organisation and metadata
- **STORE AND PRESERVE**  
backup, standards and formats
- **ACCESS**  
consider where to publish data, such as, personal website, project website, institutional repository, social networks, international and national repositories







## Infinity and beyond, data survival...

Dr Barry Smith, Professor of Performance (retired), Nottingham Trent University



## Art and Appropriation

David Mabb, Artist and Reading, Goldsmiths College, University of London



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## Data Management Plan

AHRC TECHNICAL PLAN (up to 4 A4 pages)

Section 1: Summary of digital outputs and digital technologies

Section 2: Technical methodology

2a: Standards and formats

2b: Hardware and software

2c: Data acquisition, processing, analysis and use

Section 3: Technical support and relevant experience

Section 4: Preservation, sustainability and use

4a: Preserving data

4b: Ensuring continued access and use of you digital outputs





Activity 4: Compare and contrast data management plans.





## The practitioner perspective...

Zandra Rhodes, Fashion Designer and Chancellor, University for the Creative Arts

# STUFF AND DATA

*challenges for research data management in the visual arts*

## Conclusions

- complex and diverse
- vital to curate and preserve
- management is complex
- funders require plans and its good practice!





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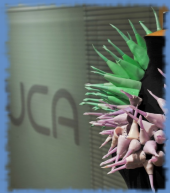
The Magazine, Glasgow School of Art (1894) Autumn by Jessie Keppie. Online at: <http://www.vads.ac.uk/large.php?uid=201482>.



Eckersley Archive, University of the Arts London (c1960) Gillette by Tom Eckersley. Online at: <http://www.vads.ac.uk/large.php?uid=115925>.



Textiles Collection, University for the Creative Arts (1988) Tea cosy. Online at: <http://www.vads.ac.uk/large.php?uid=31718>.



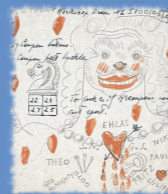
End of Year Degree Shows, University for the Creative Arts, UCA Rochester (2013).



Zandra Rhodes, Chancellor, University for the Creative Arts.



Zandra Rhodes Digital Study Collection (1981) Zandra Rhodes. Online at: <http://www.vads.ac.uk/large.php?uid=200470>.



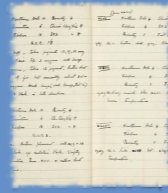
Lucie Rie Archive (c1941) Collation of sketches kept in a copy of the Architects Journal. Online at: <http://www.vads.ac.uk/large.php?uid=22397>.



Design Council Archive, University of Brighton (1953) Easy chair by Ernest Race. Online at: <http://www.vads.ac.uk/large.php?uid=79840>.



Katharine Pleydell-Bouverie, Craft Study Centre. Online at: <http://vads.ac.uk/results.php?cmd=search&words=Katharine+Pleydell-Bouverie&mode=boolean&submit=search>.



Katharine Pleydell-Bouverie, Craft Study Centre. Online at: <http://vads.ac.uk/results.php?cmd=search&words=Katharine+Pleydell-Bouverie&mode=boolean&submit=search>.



Katharine Pleydell-Bouverie, Craft Study Centre. Online at: <http://vads.ac.uk/results.php?cmd=search&words=Katharine+Pleydell-Bouverie&mode=boolean&submit=search>.



BA (Hons) Three Dimensional Design (2009) University for the Creative Arts.



Lucie Rie Archive (1910s) Collation of sketches kept in a copy of the Architects Journal. Online at: <http://www.vads.ac.uk/large.php?uid=22392>.



Elaine Thomas (1983) Adopting a stance. Online at: <http://www.vads.ac.uk/large.php?uid=52328>.



Katharine Pleydell-Bouverie, Craft Study Centre (1930s). Online at: <http://vads.ac.uk/large.php?uid=74801>.



Peter King, Peter King Archive, London Metropolitan University. Online at: <http://www.vads.ac.uk/large.php?uid=92999&sos=7>.



Marianne de Trey, Craft Study Centre (1936). Online at: <http://vads.ac.uk/large.php?uid=22157>.



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## Video Credits



Sarah Jane, Falmouth University. Meet the Archivist. Online at: <http://www.youtu.be/IE0WVc6alf8>.



Dr Yuwei Lin, Course Leader Communications & Media, University for the Creative Arts. Online at: <https://vimeo.com/106796226>.



Gail Baxter, postgraduate student, University for the Creative Arts. Online at: <https://vimeo.com/107242733>.



David Mabb, Artist and Reading, Goldsmiths College, University of London. Online at: <http://www.youtu.be/PF0nsixqK0A>.



Dr Barry Smith, Professor of Performance (retired), Nottingham Trent University. Online at: <http://www.youtu.be/SH9rUAH7eDw>.



Zandra Rhodes, Fashion Designer and Chancellor, University for the Creative Arts. Online at: <http://www.youtu.be/jMM7ADvHcTM>.