



THE UNIVERSITY  
OF QUEENSLAND  
AUSTRALIA

CREATE CHANGE



## Comprehensive capture of creative works

The University of Queensland Non-Traditional Research Outputs (NTRRO) project

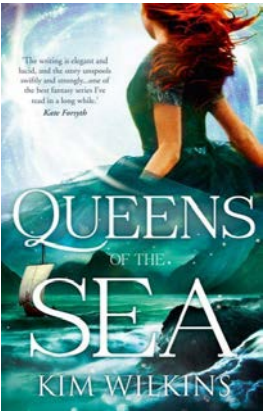

Project sponsored by the Research Management Business Transformation (RMBT) program

# NTROs at UQ...How many?...What are they?

**BALANCE**  
Commissioned by Katie Noonan

Oodgeroo Noonuccal

Robert Davidson (2018)



KEVIN POWER   PETER LUFF   TANIA FRAZER   PAUL DEAN   MARGARET SCHINDLER   ALAN SMITH   PATRICK MURPHY

**SOUTHERN CROSS SOLOISTS**  
OPAC'S ENSEMBLE IN RESIDENCE  
SEASON 2013



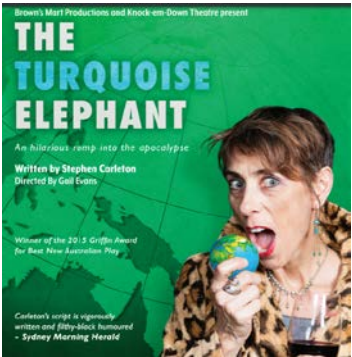
UQ eSpace 394416 total records.

All NTROs	2378 works
Creative works (music composition, live performance, recording, curation of festivals/exhibitions, design etc.)	1168
Research reports commissioned by government, industry, not-for-profit and policy submissions	675
Book (novels, exhibition catalogues, anthologies, scholarly translations etc.)	201
Book chapter (essays, poems, art criticism, composition, reviews etc.)	104
Journal article (poems, reviews, essays, reflections etc.)	221



**PUBLIC LECTURE:**

Theatre-Making: Dramaturgy in the Age of Big Data, presented by UQ Drama's Creative Fellow Dr Katalin Trencsényi



**DIONYSOS**  
PORTRAIT OF A GOD

Dionysos was a god of many faces. Most commonly known as the Greek god of wine, Dionysos was also associated with the wild, death, madness and ecstasy, fertility, peace, and the region of individuals. To the ancient Greeks, Dionysos was both comforting and terrifying.

**Where:** Portrait of God explores the complexity of this enigmatic and mysterious god, drawing on the Antiquities Museum collection and loans from Australian partner institutions.

**When:** Friday 29 June 2018  
Sun 1st & 8:30pm

**Where:** QUT Museum Antiquities Museum Level 2, Motor Building (St The University of Queensland 10 Level)

**When:** Monday 25 June 2018  
Antiquities only

Antiquities continues until June 2019

Light refreshments will be served

For enquiries, please contact Rita, Museum Enrich (07) 3365 2010 or [rita@qut.edu.au](mailto:rita@qut.edu.au)

**Register to Attend**

**ANTIQUEITIES MUSEUM**

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Thanks and acknowledgements

Queensland Government  
UQ Faculty of Humanities and Social Sciences  
UQ Faculty of Drama  
Holy Trinity parish and community, Fortitude Valley  
Mary Kelly  
Queensland Theatre  
Western Dyer Productions  
Dean Moulds (Gala Night beverages)  
From O'Hare and backstage volunteers  
Australian War Memorial (JURY 101) RE RECORD, RECORD



**WHOSE SIDE ARE YOU ON?**

Queensland Shakespeare Ensemble presents  
**THE BLOOD VOTES**

**NTROs = .6% of total UQ research outputs in UQ eSpace**

- Diverse
- Creative
- Connected with people, society & culture
  - AND required for ERA.....

**“All the good stuff”**



## What led to the NTRO project.....ERA scramble....



**Every ERA 2012 – 2018: need to report NTROs**

→ what have we got?

→ what's missing?

→ how do we describe what we've got?

→ where's the evidence?

## ...and opportunity via UQ restructure

- NTRO works under-represented, one size fits all 'Creative Work' form in eSpace, reporting compromised
- Research Management Business Transformation (RMBT) program enabled formation of an NTRO Working Party in 2017/2018 with broad academic community representation
- Working Party led to shared vision, development of requirements for UQ eSpace to better describe and collect NTRO works
- UQ Strategic funding for implementation in UQ eSpace: Project Officer & developer team dedicated to the project

Audio Document

Book

Book Chapter

Conference Paper

Conference Proceedings

Creative Work

## What happened then? Conversation & Collaboration

Sept 2018 – Feb 2019

Develop technical specs,  
build, test, demo,  
feedback, tweak, test,  
resolve bugs = robust  
system delivered



→ NTRO Working Party  
→ Humanities & Social  
Sciences Faculty  
→ Researchers  
→ UQ eSpace project  
team, including Library  
developers



# Project achievements...benefits...for researchers...for UQ

Achievements	Benefits
Development of a suite of new work type forms in five major ERA categories: Original Creative Works, Live Performance of Creative Works, Recorded or Rendered Creative Works, Curated or Produced Exhibition or Events and Research Reports for an External Body	Capacity for researchers to describe their non-traditional research output in a rich and meaningful way for targeted and comprehensive coverage
Enrichment of the metadata schema to support decision making about the significance and 'quality' of an output	Capacity to collect collaboration data and individual research statements at the author level, in addition to quality indicator and funder/grant information at the work level
User-friendly design for seamless, hassle-free data deposit	<ul style="list-style-type: none"> <li>Forms match existing look and feel, nothing new to learn</li> <li>Less administrative burden</li> </ul>
Development of an extensive researcher help guide <a href="https://guides.library.uq.edu.au/for-researchers/uqespace-publications-datasets/non-traditional-research-outputs">https://guides.library.uq.edu.au/for-researchers/uqespace-publications-datasets/non-traditional-research-outputs</a>	<ul style="list-style-type: none"> <li>Support for self-deposit</li> <li>Central reference point across all disciplines</li> </ul>
Collaboration with researchers to collect exemplar records for help guide and source feedback for user experience improvements	User-centred design
Mapping of existing creative works to new category types	Data consistency and comprehensive coverage
Availability of new NTRO content and data in downstream systems, e.g. Data Warehouse, UQ Researchers and Individual Activity Profile dashboards	<ul style="list-style-type: none"> <li>Discoverability and reportability</li> <li>Support for next ERA and EI assessments</li> <li>Data for profile promotion and appraisals</li> </ul>

## Suite of 27 new forms

UQ eSpace

Search eSpace

Home

My dashboard  
m.marrington@library.uq.edu.au

My research

Claim possible work

Add a missing work

My research data

Add a missing dataset

Add a missing work to eSpace

1 Search for your work 2 Search results 3 Add your work

Work type

Work type \*

Creative Work - Design/Architectural

Creative Work - Textual (Book)

Creative Work - Textual (Book chapter)

Creative Work - Textual (Journal article)

Creative Work - Textual

Creative Work - Visual Art

Creative Work - Musical Composition

Creative Work - Other

Live Performance of Creative Work - Music

Live Performance of Creative Work - Dance

Live Performance of Creative Work - Plays, Dramas, Theatre

Live Performance of Creative Work - Interarts

Live Performance of Creative Work - Other

Recorded or Rendered Creative Work - Music, Dance, Theatre

Recorded or Rendered Creative Work - Audio or Visual

Recorded or Rendered Creative Work - Digital

Recorded or Rendered Creative Work - Interarts

Recorded or Rendered Creative Work - Web Exhibition

Recorded or Rendered Creative Work - Other

Curated or Produced Exhibition or Event - Exhibition or Event

Curated or Produced Exhibition or Event - Festival

Curated or Produced Exhibition or Event - Web Exhibition

Curated or Produced Exhibition or Event - Other (Scholarly Disciplines)

Research Report for an External Body - Public Sector

Research Report for an External Body - Industry

Research Report for an External Body - Not-for-profit

Research Report for an External Body - Other

Research Report - Internal or Other



## + new metadata fields

- Work type determines metadata requirements
- Alert for major requirements
- Author identified as UQ/Non-UQ
- Author-level Scale/Significance
- Author-level research statement

Work type

Work type \*

Creative Work

Work subtype \*

Live Performance of Creative Work - Music

Non-traditional research output (NTRO) requirements -

In order to submit this NTRO work type or update an existing NTRO work, you must include:

1. A creator research statement of up to 2000 characters (250 – 300 words) that includes the background, contribution and significance of the work. It must be substantiated by the 'Major' or 'Minor' Scale/Significance option that you select on the form. **This is not for public view.**
2. An abstract/description of the work, up to 800 characters (approx. 100 words). This is for public view.
3. At least one evidence file, e.g. a .pdf, .mp4, .tiff or .wav copy, representation or review of the work.

Note:  
A research statement can be updated at any time via the REQUEST CORRECTION button for the work.

Authors

Please provide a list of authors and then select your name from the list.  
Step 1 of 2 - Please **add to a list of authors below**, in the format and order that they are published.

Org affiliation

Enter each author's name as published (eg. Smith, John) \*

ADD AUTHOR

Step 2 of 2 - Please **select your name** from the list below (if applicable).

Author's name as published

Reorder items

<div>Marrington, Mary-Anne</div> <div>First listed author</div>	<div>The University of Queensland</div> <div>Organisation type: University</div>
<div>Bloggs, Fred</div> <div>Second listed author</div>	<div>National Art Gallery</div> <div>Organisation type: Library/Museum/Public Gallery</div>

Author/Creator research statement

Select the option that best describes the significance of the work.

Scale/Significance of work\*(not for public view) \*

This field is required

Creator research statement\*. Include Background, Contribution and Significance(not for public view)

Remember to include substantiation of your major or minor scale/significance claim above.

B I U S x x\* Ix Ω

CRICOS code 00025B

# Audience size (Live performance/Curated exhibition)

## & Quality Indicators

Total pages/Extent \* This field is required Physical description

Audience size \* This field is required Language English

**Grant details**

Add the Funder/Sponsor's name, grant ID and type - then click the ADD GRANT button to add each to the list

Funder/Sponsor name Grant ID

ADD GRANT

**Optional information**

- Disseminated via nationally recognised outlet or entity
- Disseminated via internationally recognised outlet or entity
- Association with recognised national entities, distinct from co-creation
- Association with recognised international entities, distinct from co-creation
- Reviews, prizes, awards recognition of the output
- Commissioned by external body
- Repeat performances, reproductions, replications or re-exhibitions
- Selected for use by nationally recognised outlet or entity
- Selected for use by internationally recognised outlet or entity
- Other (add details to Author/Creator research statement)

## Grant information & Type

Audience size \* This field is required English Quality indicator \* This field is required

**Grant details**

Add the Funder/Sponsor's name, grant ID and type - then click the ADD GRANT button to add each to the list

Funder/Sponsor name Grant ID

ARC ADD GRANT

You must click ADD GRANT to enter the value to the grants list

**Optional information**

Select Funder/Sponsor type

- Library/Museum/Public Gallery
- Commercial Gallery
- Government
- NGO
- Foundation
- Corporate/Industry
- University
- Other

## Lessons learned....what worked well

### **Protection against scope creep**

- Clear understanding of expectations and technical limitations

### **Appointment of a dedicated Project Officer**

- Work with developers and liaise with all stakeholders
- Valuable model for interpretation/integration of specifications, documentation of requirements, feedback and testing

### **Co-location of Project Officer and developer team**

- Easy access, frequent interaction
- Point-of-need, timely resolution of misunderstandings and issues
- Big advantage, given delivery time constraints

### **Clear communication** with the NTRO Working Party members and Faculty stakeholders

- All stakeholders involved in final outcome

### **Meetings with researchers** across a range of disciplines

- Demonstrate the new form, collect exemplar works and seek feedback on the user experience and help guide

# Challenges

## Top level University priority

- Strategic funding
- Delivery to align with release of Individual Activity Profile system in March 2019


## Tight delivery timeline

- 6 months to deliver
- Christmas/January period – higher than usual staff leave absences
- High priority, pressure on resources, delay impact on other projects






- **Technical constraints**


- UQ eSpace user interface completely redeveloped via an earlier project but back end not yet upgraded
- Both back and user interface development required to deliver the NTRO forms and capture new metadata
- Developers and user acceptance testers worked across two systems, that led to additional time pressure and testing constraints

# Post-project developments....Dashboard alert to update existing works


**NTRO Data Required** - We have found 4 work(s) that require more information.
 [VIEW AND COMPLETE](#)

**Ms Mary-Anne Marrington**  
 Librarian, Research Outputs, Learning and Research Services (UQ Library)






 orcid.org/0000-0003-0268-1885


**Add your work to eSpace** - We found nothing new for you to claim, but you may add a work any time.
 [ADD A MISSING WORK](#)

**36**  
eSpace works from 2011 to 2020

## My incomplete works


Displaying works 1 to 4 of 4 total works.

Sort results by  
 Published date

Sort order  
 Desc


Records per page  
 20

**Test for linking information with Mary-Anne**  
 Rob, Ky, Lane, Mary-Anne, Liam and Not a UQ person (2020). *Test for linking information with Mary-Anne*. Test: Test.




[COMPLETE WORK](#)

**Test**  
 Ky, Vish, mary-Anne, Someone not UQ and Someone else not UQ (2020). *Test*. Test: Test.




[COMPLETE WORK](#)

**Mary-Anne's Event**  
 Tsunekawa, Mao, Marrington, Mary-Anne and Viney, Liam (2019). *Mary-Anne's Event*. Tokyo, Japan: National Institute for Informatics.



[COMPLETE WORK](#)


**Testing view page visibility**  
 Marrington, M (2018). *Testing view page visibility*. Journal 34 (3) 34-39.



[COMPLETE WORK](#)



# Alert to add new metadata to existing works via regular researcher email



**Professor Brown,**

This email contains recent activity in your UQ eSpace profile. To ensure you have an accurate and complete publication record in UQ eSpace could please review and action the following as appropriate.

Kind regards, UQ eSpace

8	Possible publications
	ORCID Identifier
20	Publications claimed
12	NTRO works to complete
6	Trending publications

12 Non-traditional research output (NTRO) work(s) to complete

In order to build comprehensive coverage of your NTRO activity, you are required to update your list of existing eSpace works. This may vary depending on what is missing e.g. research statement, abstract, quality indicators. For more information on NTRO requirements, click [here](#). Please go to your [My incomplete works](#) page to provide missing data for each work.

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Cras in ultricies dui. Proin varius ipsum eu tempor posuere. Donec id mauris mollis, condimentum sapien a, porttitor sapien. Donec interdum magna quis nisl aliquam posuere. Sed massa elit, hendrerit ac consequat sed.

+ 7 more

VIEW AND UPDATE

## Opportunities realised

**109 new works** since Feb 2019 with comprehensive metadata description and research statements

### **Comprehensive NTRO data collection**

- Individual and institutional profile promotion
- Internal and external reporting

### **Alignment with ERA and Engagement and Impact** initiative reporting

- Individual research statements to feed into institutional reporting requirements

### **Raising of NTRO profiles**

- Rich metadata description
- Upload to ORCID

### **Ongoing collaboration**

- Better understanding of what constitutes an NTRO and how best to represent it

### **Highlighting diversity while ensuring improved collection consistency**

- Further development of the Library help guide

## Where to from here?



### ORCID Upload

- NTRO works metadata mapping to ORCID almost complete
- Pilot roll-out for a few Schools
- Resolve issues and roll out over all UQ

### NTRO capture workshops for researchers

- Expert advice – eSpace team & Liaison Librarians
- Provides momentum for individual engagement
- One workshop held, two further scheduled Nov/Dec 2019
- Prepare for future ERA and E&I

### Develop Library expertise and advice

- Dedicated staff members
- Work with individual researchers
- Help guide development



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# Thank you

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