

# NEVER STOP

Changing Roles in Support  
of Innovation and Research



be restless

**STRIVE**

# CURRENT STATE



# LIBRARIES and LEARNING SERVICES 2016

In 2016 we provided access to:

**1,691,000** books (volumes)

more than **1,000** databases

**48,000** theses (volumes)

**210,200** tv and radio titles  
via the media repository

**1,071,800** ebooks (titles)

**29,000** publications  
via the research repository

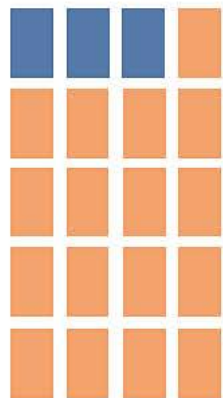
## 2016 seating and computers



- Seating without computers (3,605)
- Seating with computers (1,112)
- Laptops (155)

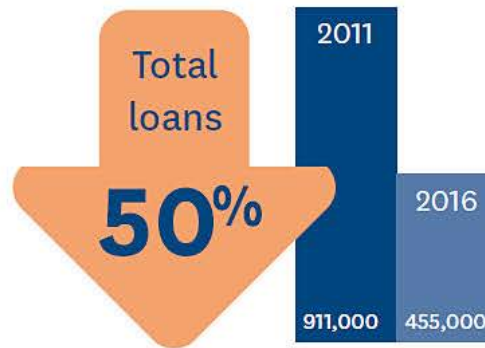
2016 information resources expenditure:

**\$20,031,000**

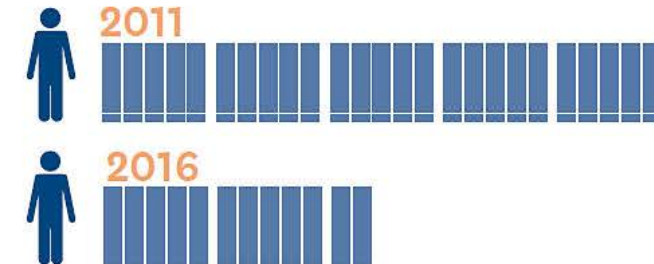


**86%** spent on electronic resources

**\$522** per FTE



## Loans per FTE




more than **4,300,000** full text journal article requests

**112** articles per FTE

*This total only includes database/journal platforms that measure full text article requests to the same standard.*

# DISCOVERY


University Library Canvas Hours English Te Reo

 **Libraries and Learning Services**  
Te Tumu Herenga

Help Study Research Teach About Contacts Sign in


Search **Everything**


Or go to





General Library whakairo and tukutuku

[Find out more >](#)

 Website feedback

 **Biology & Medicine** **F1000 database trial**  
Give feedback

 **Engineering** **Books and Subject Librarians**  
Where are they now?

 **Early women graduates**  
Explore their lives

[All news](#)

## Over 100,000 hours of Television and Radio Content

including the [Chapman Archive](#)

Search Everything ▾



Date ▾

Channel ▾

Genre ▾

Programme ▾

### Trending Content



Sheilas: 28 Years On  
Saturday 4 September 2004



Inside New Zealand  
Tuesday 24 June 1997



Te Heeteri  
Friday 20 September 1996



Prometheus  
Sunday 28 September 2014



Tangiwai - A Love Story  
Sunday 14 August 2011



Mt. Zion  
Friday 6 February 2015



Last Week Tonight with John Oliver  
Monday 2 November 2015



The Jono Project  
Friday 7 October 2011



The Daily Show with Trevor Noah  
Thursday 29 October 2015



Fear the Walking Dead  
Thursday 22 October 2015

Want to **Play**, **Download**, or **Request** New Zealand TV screened in the last 14 days?

[View Recently Screened](#)



Black Drop  
Enamel on corrugated iron, wood, steel and lead  
**HOTERE, Ralph**

[View this artwork »](#)

THE ART

**More than 1200** paintings, prints, photographs, sculptures and video on permanent display

[Browse Art by Type →](#)

THE ARTISTS

Since 1966 the collection has acquired **major works** by significant New Zealand artists, including Gretchen Albrecht, Don Binney, Ralph Hotere, and Colin McCahon

[Browse Artists →](#)

TEACHING & RESEARCH

An **invaluable resource** for teaching, learning and research

[More about the collection →](#)





Collection

About

Help

Feedback

The Archive of Māori and Pacific Music

## 'O Sina ma Le 'Ulafala (Sina and Le 'Ulafala)

Told by: Seiuli

From: Falelima, Savai'i

Print 

### 'O Sina ma Le 'Ulafala

Seiuli, Falelima, Savai'i

'O le ulugāli'i, 'o le igoa o le tama 'o 'Ulafala-Manogi-Sasala-'I-Tausala. 'O le igoa o le teine 'o Sina. 'O le tama lenei e fai le 'autaunonofo a sau'ai. 'O le māسانی a le tama 'āfai e malaga, e afe 'i fale 'uma lava o sau'ai fa'ato'ā alu le malaga. 'Āfai e fo'i mai, e afe fo'i 'i fale 'uma ona fa'ato'ā taunu'u lea 'i le fale o le teine 'o Sina.

'Ua o'o 'i le tasi aso 'ua alu le malaga ma 'ua lē afe 'i se fale, ma 'ua fo'i mai fo'i 'ua lē toe afe lava 'i se fale. 'Ua o'o ina lē māllie sau'ai, ona fono ai lea 'o sau'ai ma 'ua fai ai la lātou tonu: 'āfai 'ole'ā lē toe afe le tama, 'ole'ā lātou fasiotia lenā ali'i.

Ma 'ua faia pea le māسانی a le tama, 'ua lē toe afe, ona fono ai lea 'o lātou, fai ai le tonu: 'ole'ā ō sau'ai e to'alua, e nofo le isi i le taumua o le va'a 'ae nofo le isi i le taumuli 'o le va'a; 'o nā ali'i sā tofu lāua ma le tao. Ona o'o lea 'o

Print 

### Sina and Le 'Ulafala

Seiuli, Falelima, Savai'i

There was once a couple; the young man's name was 'Ulafala-Manogi-Sasala-'I-Tausala, and the woman's name was Sina. This young man had a harem of ogresses. It was the young man's practice, when he went on a journey, to call in at all the ogresses's houses, and only then would he journey away. When he returned, he would revisit all the other houses, and only then arrive at the woman Sina's house...

One day it happened that the travelling-party left but didn't call in at any house at all, and on return also he didn't call in at any house at all. And so the ogresses didn't like this, and they met and reached a decision: if the man didn't call in on them next time, that man would be killed.

The man continued with his new habit, and didn't visit them again, and so they met and made plans: two



## six pack sound

A collection of recordings by poets working in Aotearoa New Zealand and the Pacific region

#05  
22/05/17



Serie Barford



Daren Kamali



Kelly Malone



Ria Masae



Richard von Stumer



Ian Wedde

#04  
02/12/16



Jenny Bornholdt



Janet Charman



Owen Connors



Andrew Johnston



Bill Manhire



Chris Price

#03  
03/06/16



Tusiata Avia



Ben Brown



Greg O'Brien



Ruby Porter



Lisa Samuels



Chris Tse

#02  
02/12/15



# OPPORTUNITIES



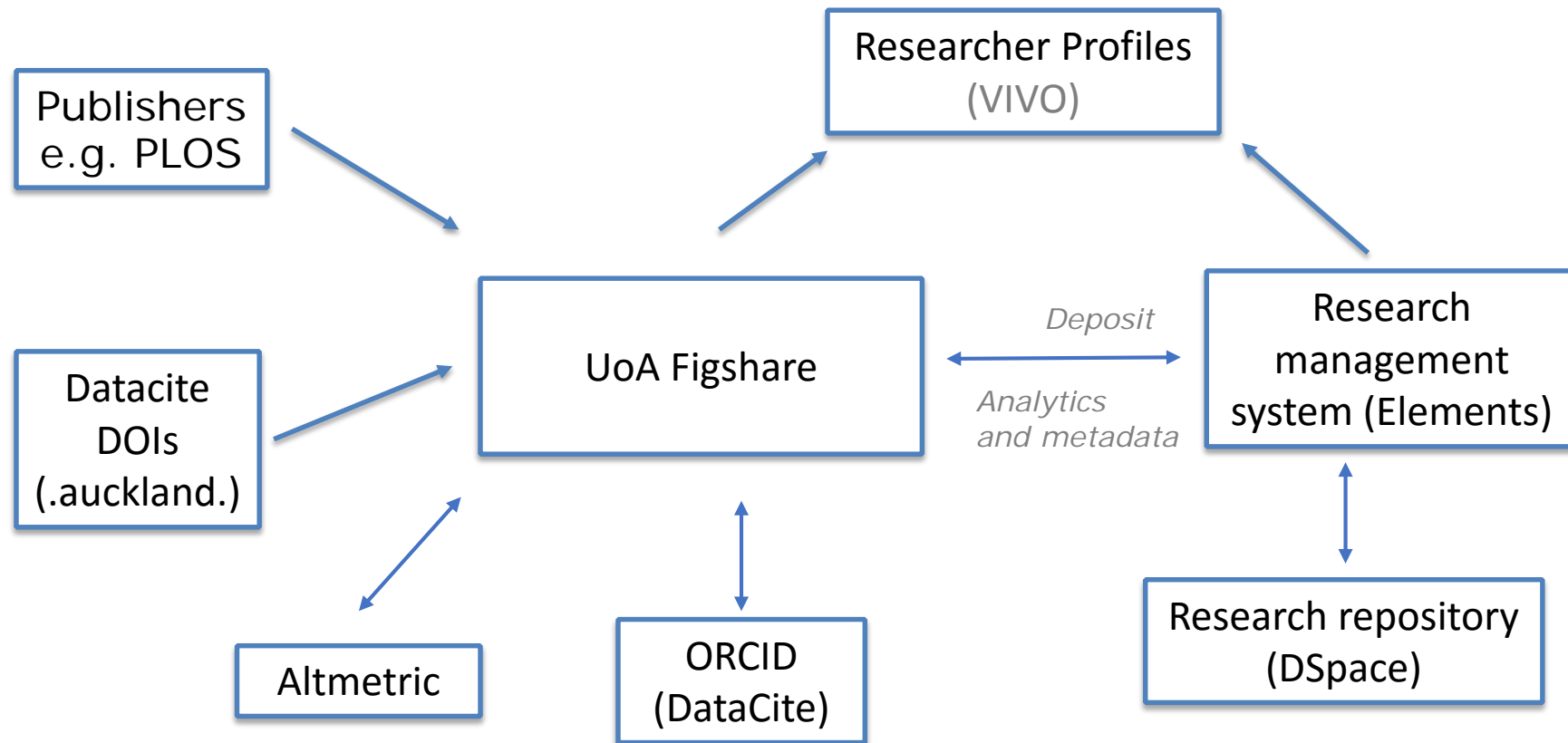
Are we / should we be  
in the business of....?

# DATA MANAGEMENT

The screenshot displays the Figshare website interface. At the top left is the Figshare logo. A search bar contains the text "search on figshare". Navigation links for "Browse" and "Upload" are visible. On the right, there are "Sign up" and "Log in" buttons. The background features a large image of a modern building with a curved glass facade. In the center, the University of Auckland logo is displayed, with the text "THE UNIVERSITY OF AUCKLAND" and "Te Whare Wānanga o Tamaki Makaurau NEW ZEALAND". Below the logo, a dropdown menu shows "Discover research from The University of Auckland". A navigation bar includes "NEW", "POPULAR", "CATEGORIES", and "SEARCH". Statistics for the search results are shown: "43726 views", "6992 downloads", and "more stats...". The main content area displays a grid of research items:

- CODE**: notebooks for seismology 101 by Kasper van Wijk, dated 05/07/2017.
- Chemical Diagram**: Ergot alkaloids and summary of biosynthesis pathway. by Christopher L. Schardl, dated 02/03/2013.
- MicroRNA research**: MicroRNAs as pathway profiling tools by Nicole Cloonan, dated 05/07/2017.
- Remixing Aotearoa**: by Fabiana Kubke, dated 27/10/2016. Includes a list of disclaimers: CCANZ, PLoS ONE, and Marsden Fund.
- Statistics**: THE CARTOON INTRODUCTION TO STATISTICS.
- Archaeology**: A photograph of a long, cylindrical object, possibly a bone or artifact.
- New Zealand Election Study 1993**: A poster for the New Zealand Election Study 1993.
- Cell Culture**: A graph showing cell growth over time, with a legend for HCT116 cells.

# UOA RESEARCH ECOSYSTEM: data repository centric



## University of Auckland Research Repository - ResearchSpace

Deposit your [PhD thesis online](#)

Deposit your [Masters thesis online](#)

University staff: Update your Research Outputs and deposit full text content using [the Research Outputs system](#).

## Communities in ResearchSpace

Select a community to browse its collections.

- [A1 - Research Outputs Online](#) [21728]
- [A2 - University of Auckland Digital Doctoral Theses](#) [4724]
- [A3 - University of Auckland Digital Masters Theses](#) [4179]
- [A4 - Dataset Archive](#) [40]
- [A5 - Technical Report Series](#) [1154]
- [I1 - Auckland Bioengineering Institute](#) [6]
- [X1 - Deposit.Library](#) [1479]

 [Show Statistical Information](#)

## Search ResearchSpace

Enter some text in the box below to search.

## Recently Added



**Title:** [Submission to the New Zealand Productivity Commission 'More effective social services inquiry'](#)

**Author:** [Thomas, Steven](#)

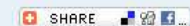
**Date:** (2014-12-02)



**Title:** [Change prediction using interface data](#)

**Author:** [Hamraz, B](#) ; [Hisarcikilar, O](#) ; [Rahmani, K](#) ; [Wynn, David](#) ; [Thomson, V](#) ; [Clarkson, PJ](#)

### Share



### Search ResearchSpace

[Advanced Search](#)

### Browse

All of ResearchSpace  
[Communities & Collections](#)  
[By Issue Date](#)  
[Authors](#)  
[Titles](#)  
[Subjects](#)

### Discover

#### Group

[ABI Associates](#) (899)  
[ABI](#) (8)  
[Academic & Research Suppt Svcs](#) (113)  
[Academic Administration](#) (216)  
[Academic Records](#) (1)  
[Academic Services Admin](#) (2)  
[Academic Services](#) (268)  
[Accommodation Halls](#) (17)  
[Accounting & Finance](#) (154)  
[ACS Research Centre](#) (347)  
[All Auto PBRF Users](#) (5)  
[Anaesthesiology](#) (223)  
[Anatomy and Medical Imaging](#) (378)  
[Anatomy wth Radiology Division](#) (8)  
[Anthropology](#) (260)  
[... View More](#)

#### Content Type

[Abstract](#) (438)  
[Artefact](#) (27)  
[Article in Press](#) (1)  
[Article](#) (13067)  
[article](#) (13)  
[Book Item](#) (1485)

# Identifiers





MyTardis

127.0.0.1:8000

MyTardis Home About My Data Public Data Stats Help testuser1

# MyTardis Data Store

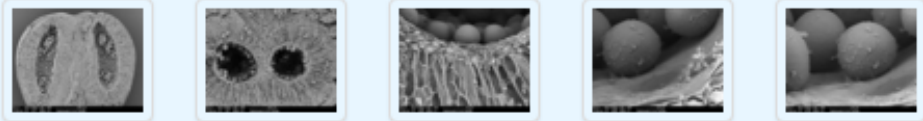
Your most recent experiments ([view all](#))

**Test Microscope - Test User1** today 4 6 Private  
[Download data as .tar](#)

Instrument: Test Microscope Owner: testuser1

*The most recent datasets in this experiment*

- [Botanical TEM](#)
- [Bone marrow TEM](#)
- [Blood cells SEM](#)
- [Amorphophallus titanum SEM](#)



**The 0 most recent public experiments**  
There is no public data available on this server.



### What's inside?

HuNI (Humanities Networked Infrastructure) combines data from many Australian cultural websites into the biggest humanities and creative arts database ever assembled in Australia. HuNI data covers all disciplines and brings together information about the people, works, events, organisations and places that make up the country's rich cultural landscape.

[Researcher Perspective \(video\)](#)

### What can I do with the HuNI data?

- Search and browse
- Build your own private or public virtual collections
- View [collections](#) built by other HuNI users
- Make new [links](#) between records and follow existing trails
- Export, publish and share your findings

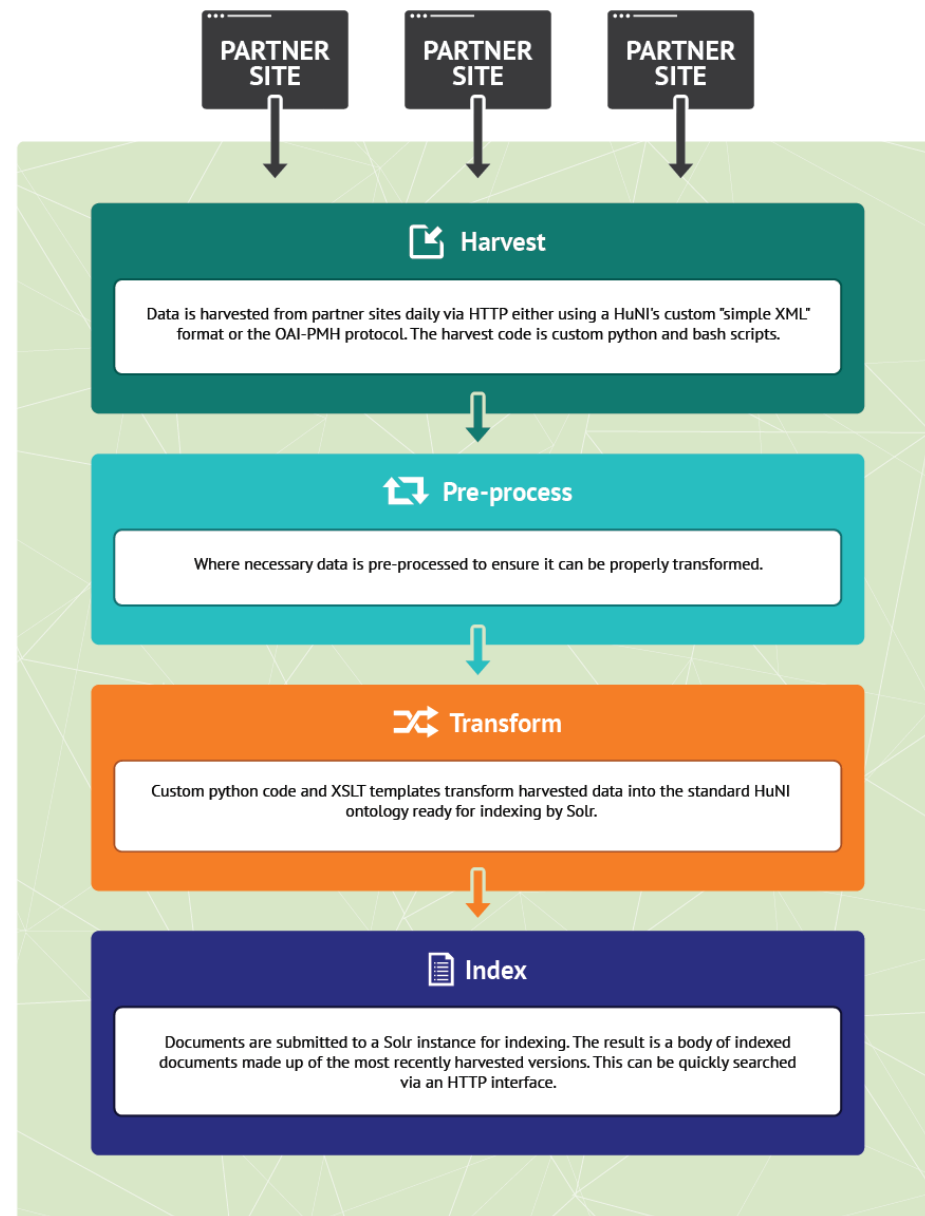
[Get Lucky with HuNI \(video\)](#)

SEARCH HUNI

Try searching 'Mary Hobbs', 'Western Desert Art' or 'Eureka Stockade'

BROWSE RECORDS BY CATEGORY

- CONCEPT
- EVENT
- ORGANISATION
- PERSON
- PLACE
- WORK



Pre-Alpha Jupyter Lab Demo x | 127.0.0.1:8888/lab | IPython

File Notebook Editor Terminal Console Help

**Files**

**Commands**

CONSOLE

Clear Cells

Execute Cell Shift-Enter

Interrupt Kernel

New Julia 0.4.5 console

New Python 2 console

New Python 3 console

New R console

Switch Kernel

**EDITOR**

Close all files

Line Numbers

Line Wrap

Match Brackets

Save File

Vim Mode

Vim Mode Off

**FILE OPERATIONS**

Close All Ctrl-Shift-Q

Close Document Ctrl-Q

New Notebook Ctrl-Shift-N

New Text File Ctrl-O

Revert Document

Save Document Cmd-S

**HELP**

About JupyterLab

FAQ

IPython Reference

JupyterLab Launcher

Markdown Reference

Matplotlib Reference

Notebook Tutorial

Numpy Reference

Pandas Reference

Python Reference

Scipy Lecture Notes

Scipy Reference

SymPy Reference

**IMAGE WIDGET**

Reset Zoom

Zoom In

Zoom Out

Untitled.ipynyt | Terminal 1 | Python 3 (1)

```

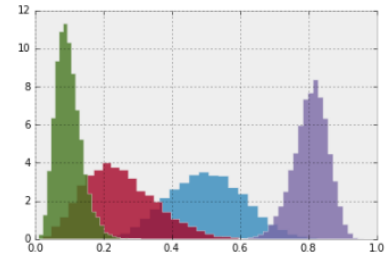
? -> Introduction and overview of IPython's features.
%quickref -> Quick reference.
help -> Python's own help system.
object? -> Details about 'object', use 'object??' for extra details.

In [1]: %matplotlib inline
        from numpy.random import beta
        import matplotlib.pyplot as plt
        plt.style.use('bmh')

        def plot_beta_hist(a, b):
            plt.hist(beta(a, b, size=10000), histtype="stepfilled",
                    bins=25, alpha=0.8, normed=True)

            return

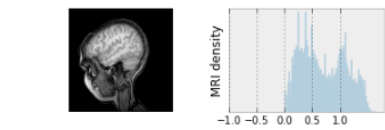
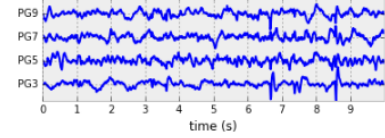
        plot_beta_hist(10, 10)
        plot_beta_hist(4, 12)
        plot_beta_hist(50, 12)
        plot_beta_hist(6, 55)
    
```



```

In [2]: %run ~/Downloads/mri_with_eeg.py

loading eeg /Users/fperez/usr/conda/lib/python3.5/site-packages/matplotlib/mpl-data/sample_data/eeg.dat
    
```

```

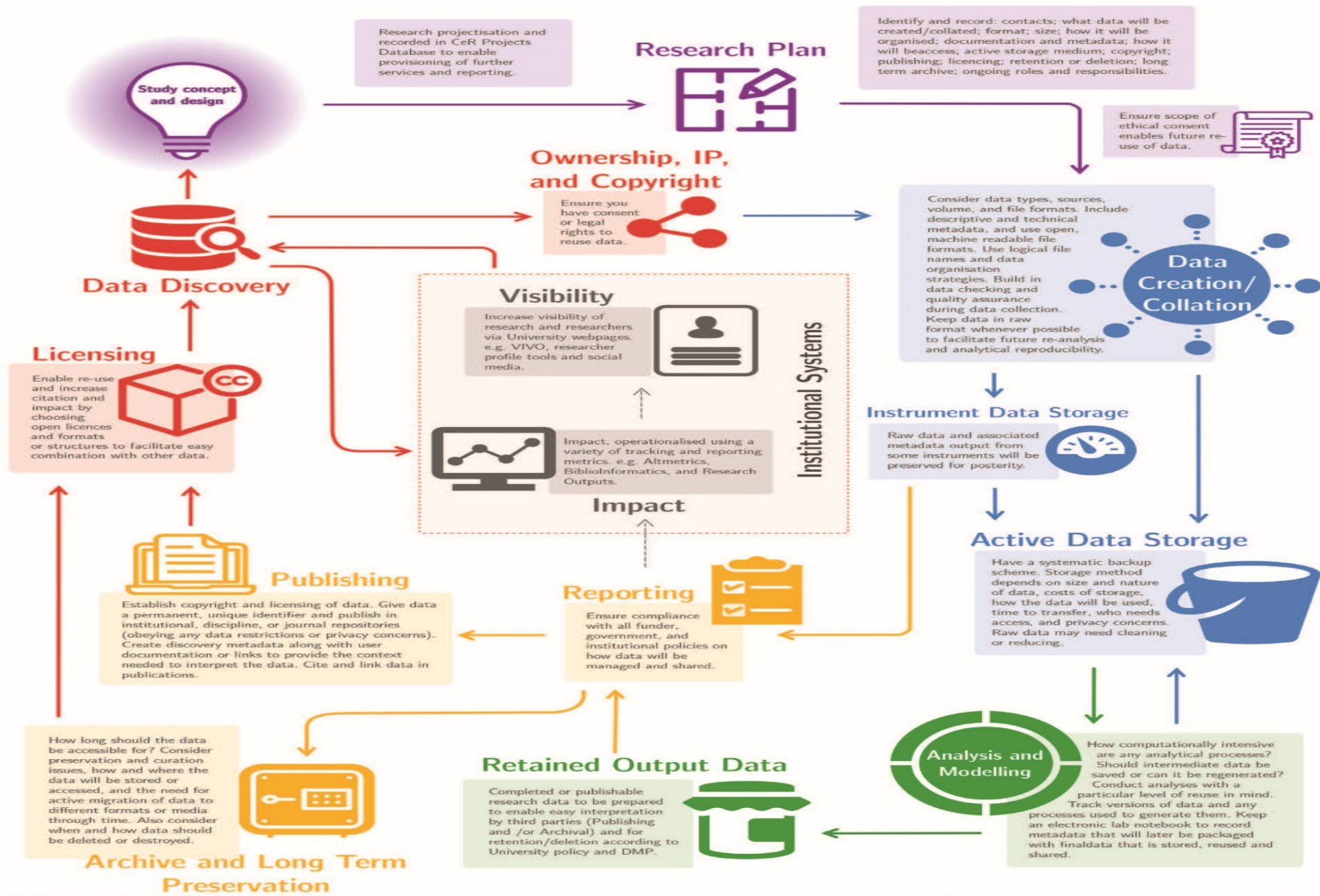
In [ ]: |
    
```

Launcher | mri\_with\_eeg.py

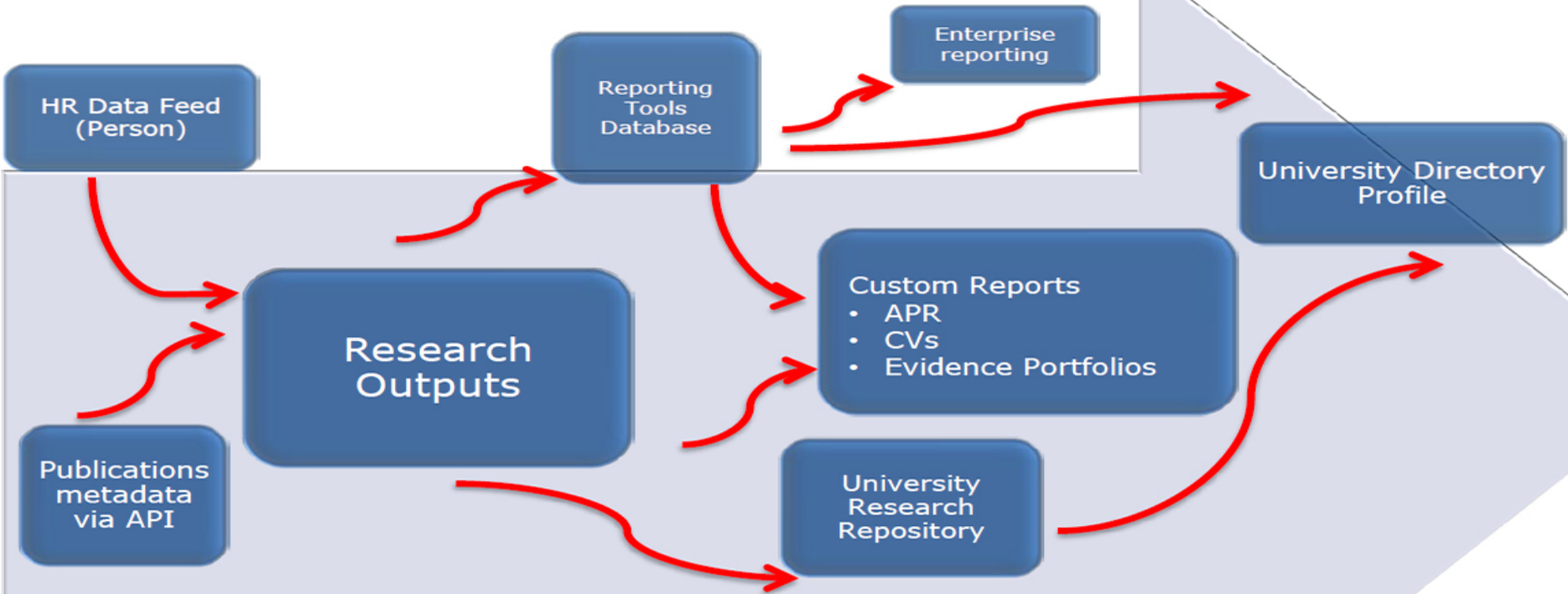
```

1 #!/usr/bin/env python
2
3 """
4 This now uses the imshow command instead of pcolor which *is much
5 faster*
6 """
7 from __future__ import division, print_function
8
9 import numpy as np
10
11 from matplotlib.pyplot import *
12 from matplotlib.collections import LineCollection
13 import matplotlib.cbook as cbook
14 # I use if 1 to break up the different regions of code visually
15
16 if 1: # load the data
17     # data are 256x256 16 bit integers
18     dfile = cbook.get_sample_data('s1045.ima.gz')
19     im = np.fromstring(dfile.read(), np.uint16).astype(float)
20     im.shape = 256, 256
21
22 if 1: # plot the MRI in pcolor
23     subplot(221)
24     imshow(im, cmap=cm.gray)
25     axis('off')
26
27 if 1: # plot the histogram of MRI intensity
28     subplot(222)
29     im = np.ravel(im)
30     im = im[np.nonzero(im)] # ignore the background
31     im = im/(2.0**15) # normalize
32     hist(im, 100)
33     xticks([-1, -.5, 0, .5, 1])
34     yticks([])
35     xlabel('intensity')
36     ylabel('MRI density')
37
38 if 1: # plot the EEG
39     # load the data
40
41     numSamples, numRows = 800, 4
42     eegfile = cbook.get_sample_data('eeg.dat', asfileobj=False)
43     print('loading eeg %s' % eegfile)
44     data = np.fromstring(open(eegfile, 'rb').read(), float)
45     data.shape = numSamples, numRows
46     t = 10.0 * np.arange(numSamples, dtype=float)/numSamples
47     ticklocs = []
48     ax = subplot(212)
49     xlim(0, 10)
50     xticks(np.arange(10))
51     dmin = data.min()
52     dmax = data.max()
53     dr = (dmax - dmin)*0.7 # Crowd them a bit.
54     y0 = dmin
55     y1 = (numRows - 1) * dr + dmax
56     ylim(y0, y1)
57
58     segs = []
59     for i in range(numRows):
60
    
```

# Research data services organised around the research lifecycle



# RESEARCH INFORMATION MANAGEMENT





# Research Impact Reports

- *BiblioInformatics self-service platform*

The screenshot shows the BiblioInformatics self-service platform interface. At the top, there is a navigation bar with links for Home, Library Search, Databases, Services, About Us, and Contact Us. On the right side of the navigation bar, there are buttons for My Library Account and Ask a Librarian. Below the navigation bar is a blue banner with the University of Auckland logo and the text 'LIBRARIES AND LEARNING SERVICES'. A 'Quick links' dropdown menu is visible on the right side of the banner. Below the banner, there is a breadcrumb trail: University home » Library » BiblioInformatics Service » Impact report. The main heading is 'Research Outputs and Impact Snapshot Report' with a 'beta' badge. A green notification bar says 'Welcome back, Brian Flaherty.' Below this, there is a section titled '1. Select reporting date range'. It includes a 'Reporting dates' label with an information icon, two input fields containing '01/01/2001' and '21/10/2005', and three buttons: 'Last 10 years', 'Last 5 years', and 'All years'. Below this section is another section titled '2. Run report'. At the bottom, there is a blue button labeled 'Run report' followed by the text 'or Select and preview components'.

Home Library Search Databases Services About Us Contact Us My Library Account Ask a Librarian

THE UNIVERSITY OF AUCKLAND LIBRARIES AND LEARNING SERVICES Quick links

University home » Library » BiblioInformatics Service » Impact report

## Research Outputs and Impact Snapshot Report **beta**

Welcome back, Brian Flaherty.

### 1. Select reporting date range

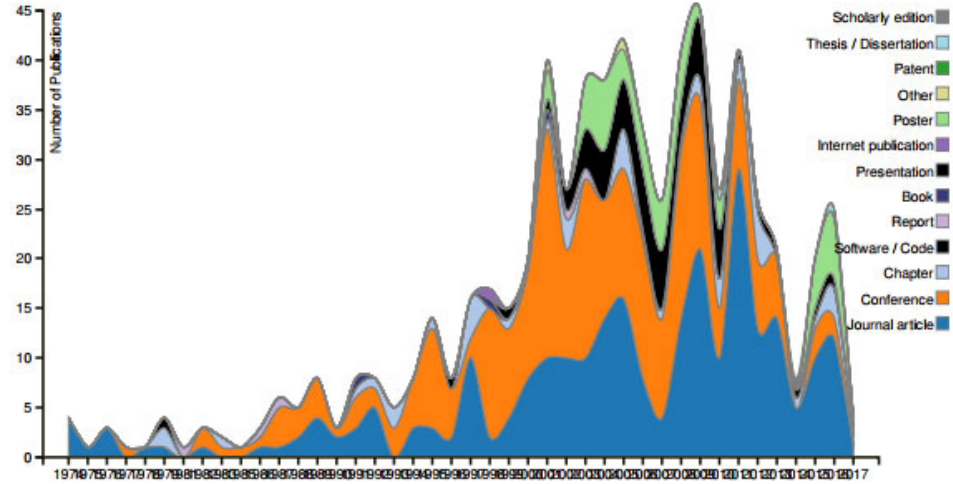
Reporting dates ⓘ 01/01/2001 - 21/10/2005 Last 10 years Last 5 years All years

### 2. Run report

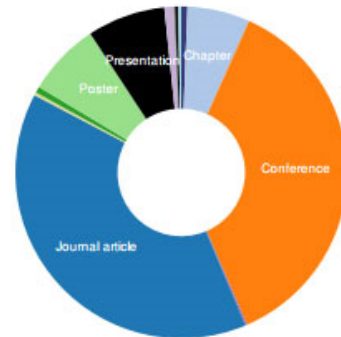
**Run report** or Select and preview components

### Publications by year and type

This stacked area chart shows your publication totals over years, stacked by type. Total publications includes all publication types from all sources in Research Outputs.



### Publication type breakdown



Publication type	Number
Book	4
Chapter	41
Conference	247
Internet publication	1
Journal article	262
Other	2
Patent/Trademark	4
Poster	48
Presentation	51
Report	6

# Collaborations within identified group of Engineering Researchers : 01/01/2007 - 31/12/2014

## Settings

[Hide](#) | [Show](#)

Gravity:

0.65

Distance:

20

Charge:

-1050

Multiplier for Citation-based

Radius:

(after change, click the appropriate Size button)

0.4

Multiplier for Weight-based

Radius:

(after change, click the appropriate Size button)

10

Size by Scopus Citations

Size by WoS Citations


Size by Link Weight


Stop Animation

Start Animation


## Legend


[Hide](#) | [Show](#)


 Bioengineering Institute


 Chemical & Materials Engineering


 Civil & Environmental Engineer


 Electrical & Computer Engineer


 Engineering Science


 Faculty of Engineering Admin

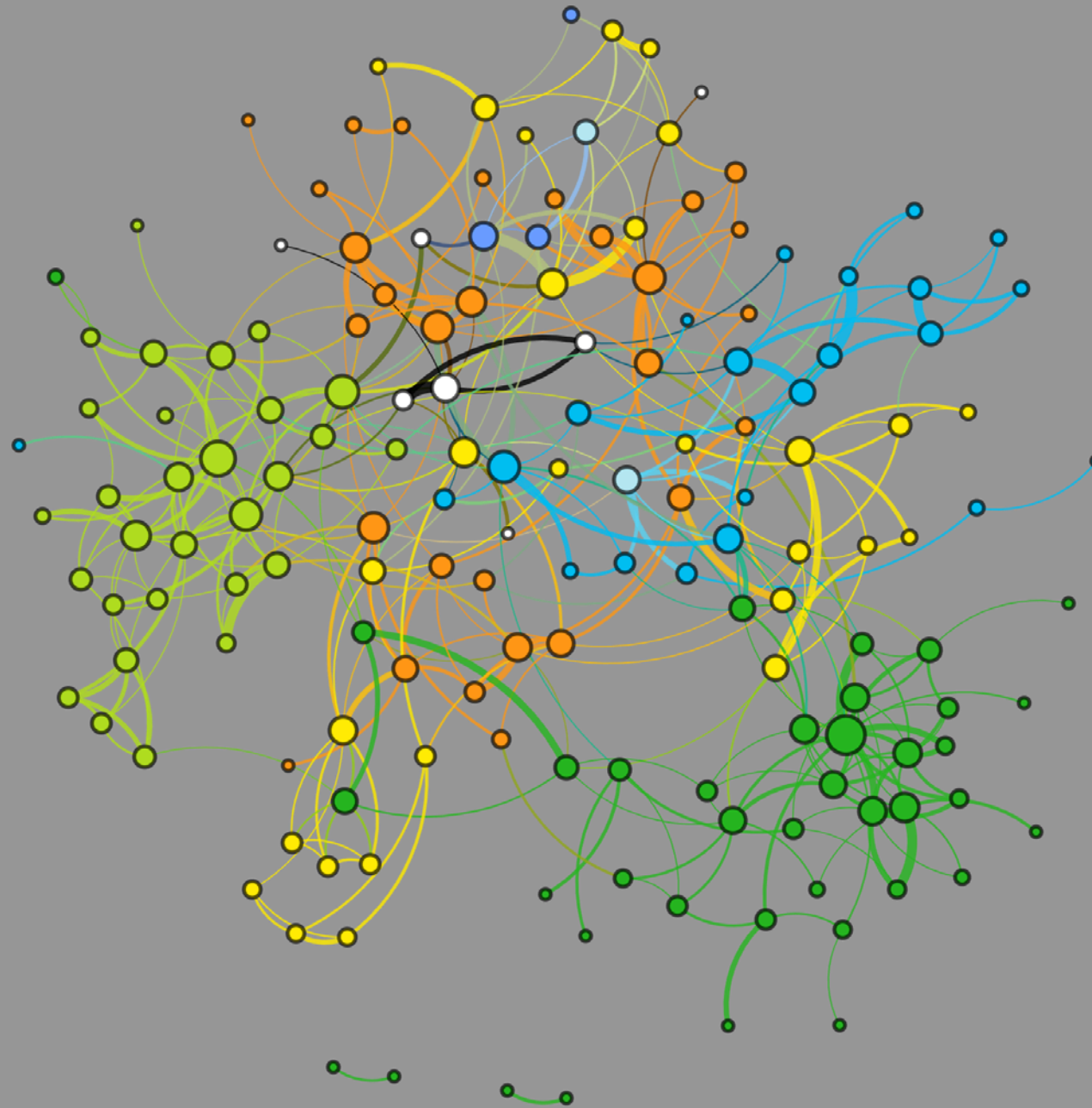
 Faculty of Engineering

 Mechanical Engineering

 Engineering Centres

 Other Faculties

 Identified as Engineering Researcher







# Mr Brian Flaherty

Edit profile

CV and Reports



## Mr Brian Flaherty

Publications Professional

### Publications



Recent Favourites All

#### 2015

Various. [Poetry on the Pavement 2015](#) General Library, University of Auckland. 28 Aug 2015 (Performance) [Author URL](#)

Edmond M, Ho YW, Miller A, Priest T, Rapatahana V, Toussaint S. [Six-pack sound #1](#) NZEPC (New Zealand Electronic Poetry Centre). 01 May 2015 (Internet publication) [Author URL](#)

### Professional Activities

[Manage Professional Activities](#)

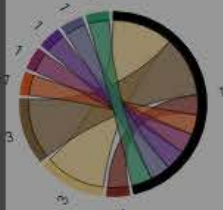
Recent Favourites All

There are no recent (2014 - 2017) professional activities to display. You might find some older professional activities on the 'All' tab.

### External profiles

ORCID

### Co-authors



- [Wystan Curnow](#) (1)
- [Murray Edmond](#) (3)
- [Michele Leggott](#) (3)
- [Selina Marsh](#) (1)
- [Lisa Samuels](#) (1)
- [Helen Sword](#) (1)
- [Richard von Sturmer](#) (1)
- [Ian Wedde](#) (1)
- [Erin Carlston](#) (1)
- [Makyla Curtis](#) (1)
- [Erena Shingade](#) (1)

### Links

[View all links](#)

### Find a colleague

## Export

Please choose a style

**Research Outputs Academic CV**

This CV lists publications and professional activities, and includes the long descriptions for legacy professional activities.

**New Zealand RS&T CV**

This template is the one you should use whenever you are required to submit a CV as part of a research proposal to the Foundation for Research, Science and Technology (Foundation), the Health Research Council (HRC), or the Marsden Fund. This report is designed for editing in Microsoft Word.

Specify a date range:

If supplied, the export will only contain data relevant to the specified date range.

Start date:



End date:



Please choose a file format:



**Download as PDF**

# RESEARCHER PROFILES

The screenshot shows a researcher profile for Peter Hunter, a Distinguished Professor. The page is part of the VIVO system at the University of Auckland. The header includes the university logo, the VIVO logo, and navigation links for Index and Log in. A search bar is also present. The main navigation menu includes Home, People, Organizations, Research, and Events. The profile section features a photo of Peter Hunter, his name and title, and a list of positions, including Director of the ABI Bioengineering Institute. A paragraph describes his background, mentioning his degrees at the University of Auckland and his PhD at the University of Oxford. A line graph shows 191 publications in the last 10 full years. There are links for Co-author Network and Map of Science. The contact information includes an email address (p.hunter@auckland.ac.nz) and a phone number (88395). Below the profile, there are tabs for Publications, Research, Contact, and View All. The Publications tab is active, showing a list of selected publications, including articles and books. The articles listed are: 'Determinants of spikes in ultrafine particle concentration whilst commuting by bus' (2015), 'Mechanisms underlying the prereversal enhancement of the vertical plasma drift in the low-latitude ionosphere' (2015), 'Whats left in language Beyond the classical model.' (2015), 'On modelling large deformations of heterogeneous biological tissues using a mixed finite element formulation.' (2015), and 'Performance analysis of mobile wireless sensor network system under n-rayleigh fading channels' (2015). There is a '... more' button at the bottom of the list.

THE UNIVERSITY OF AUCKLAND  
Whakarehua Whanga o Taranaki Pūkenga  
NEW ZEALAND

VIVO

Index Log in

Search

Home | People | Organizations | Research | Events

**Hunter, Peter** | Distinguished Professor

**Positions**

- Director – ABI, [Bioengineering Institute](#)

Peter Hunter completed his Engineering and Masters of Engineering degrees at the University of Auckland before undertaking his DPhil (PhD) in Physiology at the University of Oxford where he researched finite element modeling of ventricular mechanics.

Since then his major research interests have been around modelling various aspects of the human body using specially developed computational algorithms and an anatomically and biophysically based approach which incorporates the detailed anatomo (... [more](#))

**Publications in VIVO**

191 in the last 10 full years

[Co-author Network](#)

[Map of Science](#)

**Contact Info**

[p.hunter@auckland.ac.nz](mailto:p.hunter@auckland.ac.nz)

88395

Publications | Research | Contact | View All

selected publications

article

- [Determinants of spikes in ultrafine particle concentration whilst commuting by bus](#) 2015
- [Mechanisms underlying the prereversal enhancement of the vertical plasma drift in the low-latitude ionosphere](#) 2015
- [Whats left in language Beyond the classical model.](#) 2015
- [On modelling large deformations of heterogeneous biological tissues using a mixed finite element formulation.](#) 2015
- [Performance analysis of mobile wireless sensor network system under n-rayleigh fading channels](#) 2015

[... more](#)

book

# VIVO Proof of Concept



Proof of Concept  
Potential Future



Tertiary  
Education  
Commission  
Te Amorangi  
Mātauranga Matua



## Performance-Based Research Fund

*The purpose of the Performance-Based Research Fund (PBRF) is to ensure that excellent research in the tertiary education sector is encouraged and rewarded. This means **assessing** the research performance of tertiary education organisations (TEOs) and then **funding** them on the basis of their performance.*

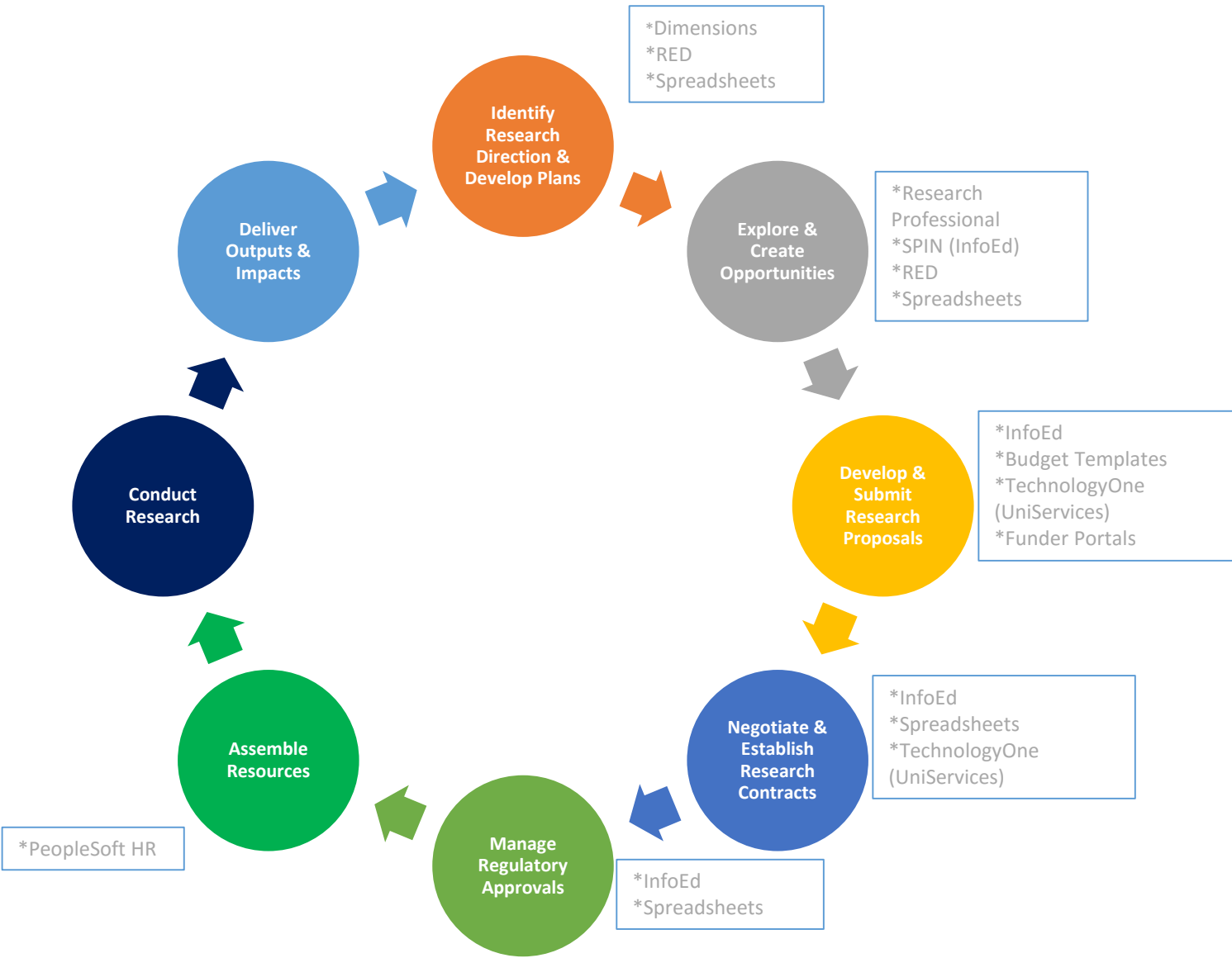




# The Research Ecosystem: APPLICATIONS

- \*DSpace
- \*Symplectic Elements
- \*ORCID
- \*Vivo
- \*Altmetrics
- \*Symplectic Dimensions
- \*Spreadsheets
- \*InfoEd
- \*PeopleSoft Financials
- \*FigShare
- \*TechnologyOne (UniServices)
- \*Inteum (UniServices)

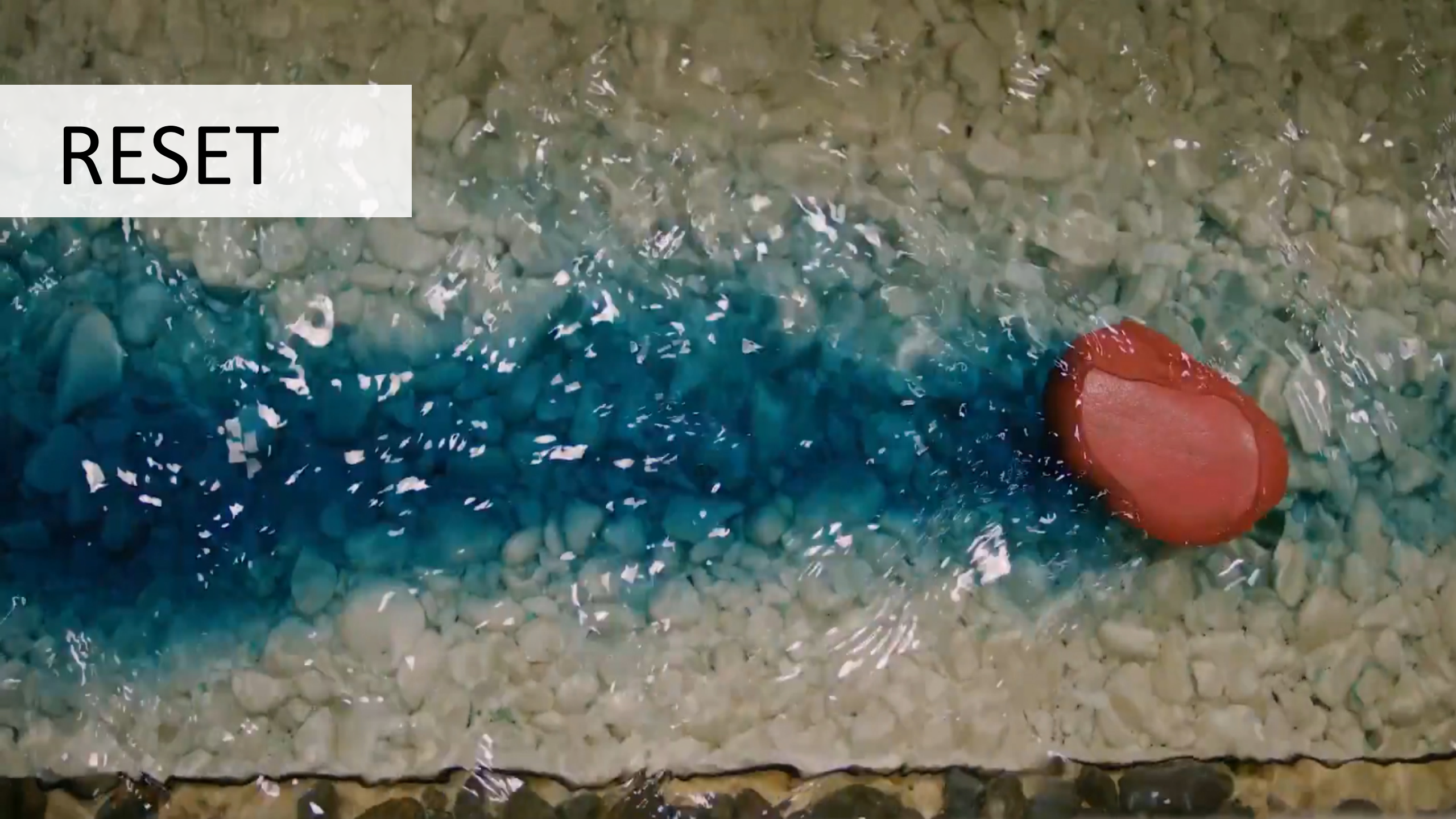
- \*InfoEd
- \*Spreadsheets
- \*MicroStrategy
- \*Hyperion
- \*PeopleSoft Financials
- \*PeopleSoft HR
- \*SciQuest ERM
- \*Lab Management Software
- \*REDcap
- \*Fraedom
- \*SharePoint
- \*TechnologyOne (UniServices)



Research services/ Life Cycle	Plan and Design	Create, Capture and Collect	Analyse and Interpret	Publish and Report	Discover and reuse
<b>Compute</b>	Advisory: plan and scoping consultancy	Research virtual machines (RVM)	NeSI, NeCTAR Cloud	Community portal/ Hub via NeCTAR or RVM	OpenStack/ NeCTAR shared libraries
<b>Data</b>	Data Management Plans (DMPs)	Instrument data capture service (MyTardis)	'Active' data sharing and collaboration (SeaFiles)	Publish data (Figshare), long-term preservation	(Discovery metadata)
<b>Visualisation and analytics</b>	Visualisation consulting and planning	Discovery and exploration tools InfoViz	Analytics, scientific computing, deep learning, SciViz	Group-based visualisation, collaboratory	Visualisation library
<b>Training and community development</b>	Research Hub PhD induction	Data Carpentry	Software Carpentry	Digital scholarship ResBaz, Bootcamp, etc	



RESET



# LIBRARIES AND LEARNING SERVICES

## vision and strategy

Enabling researcher outcomes  
and success

Enabling student outcomes  
and success

Delivering service excellence

Relevant and fit for purpose resources and infrastructure  
scholarly collections, libraries and learning spaces, digital tools and infrastructure

Libraries and Learning Services capabilities and how we work

# FUTURE TRAJECTORY

## Researcher outcomes and success

Strategic direction

Researcher  
outcomes  
and success

We will see less of...

**Embryonic and  
stand-alone services**  
Services and expertise  
available to a few

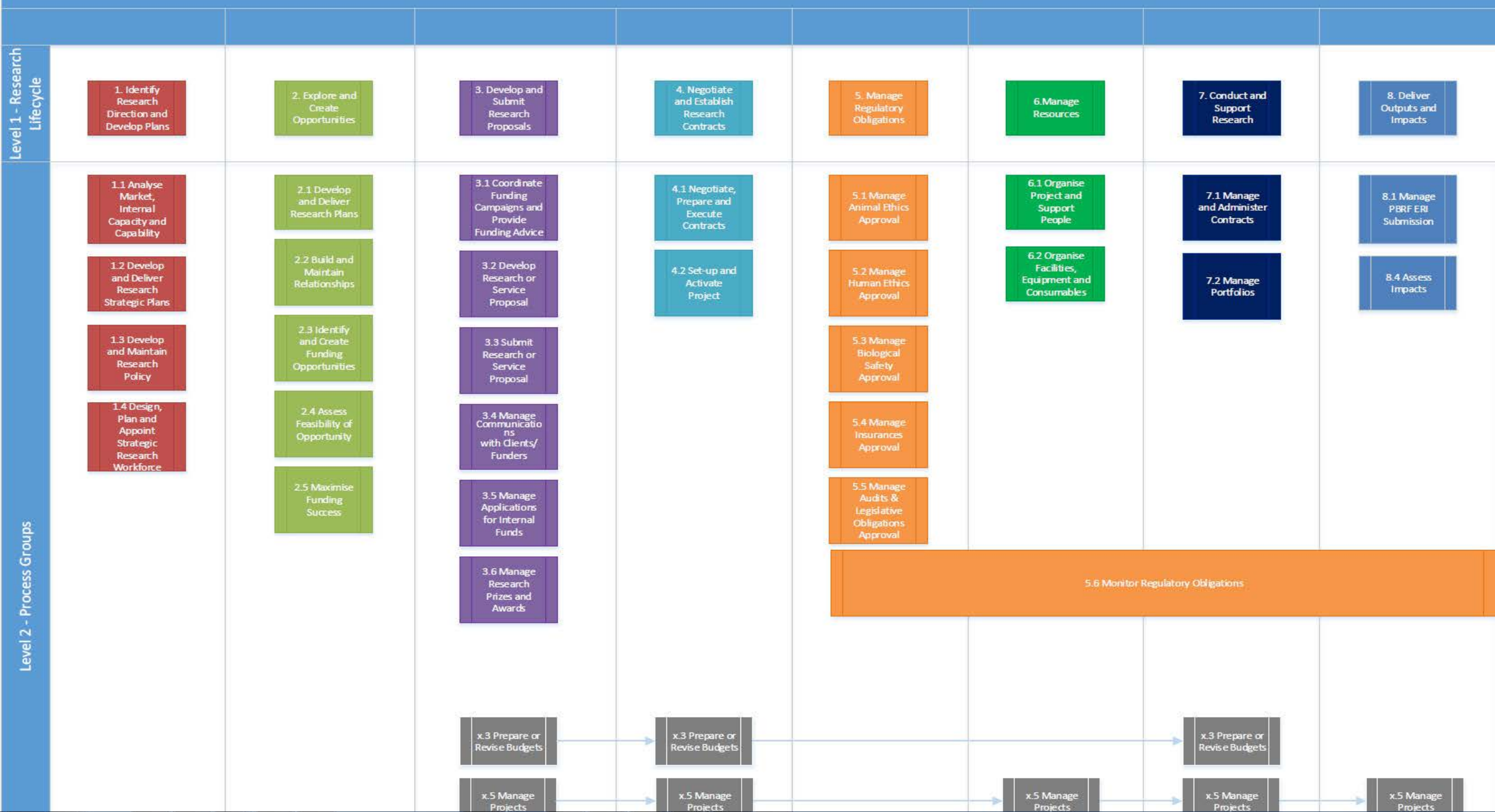
We will see more of...

**Scalability** of services  
and expertise  
**Adding value** to  
research outcomes &  
impact  
**Integrated** into the  
research lifecycle

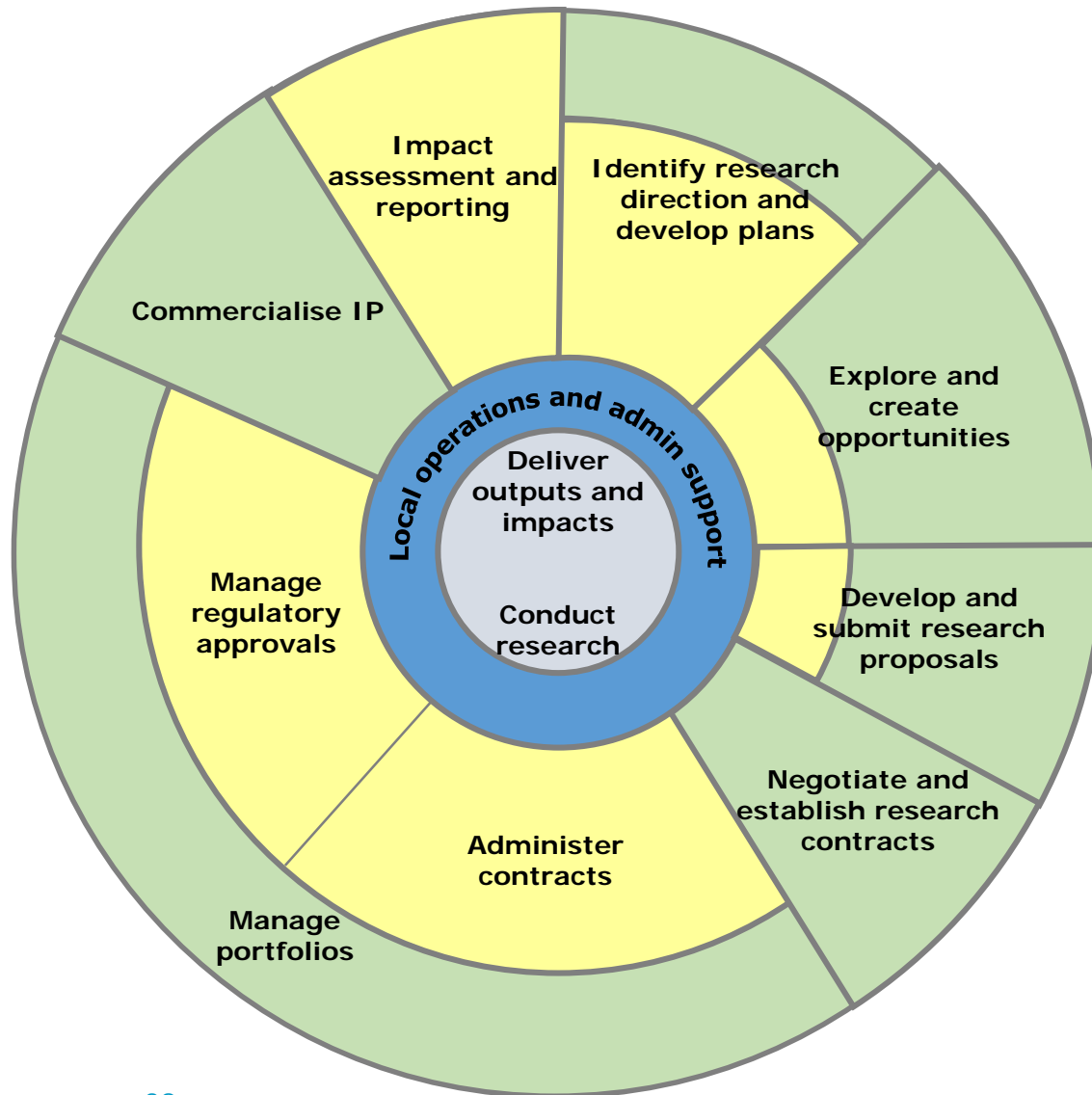
NO (LIBRARY) IS AN ISLAND...



# IRIS Business Process Architecture



# Wrapping support around researchers



Researcher
Local operations and administrative support
Central administrative support
Research entity support

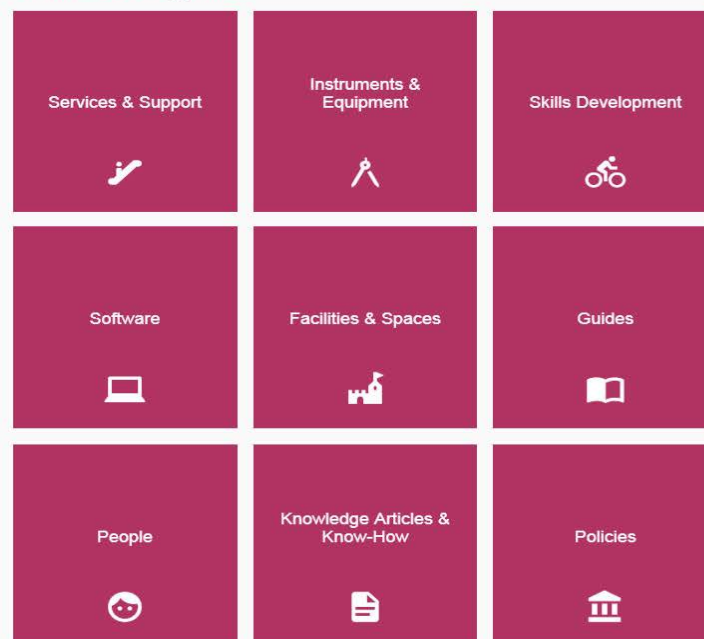
\*Researchers are involved in all stages of research activity

- Home
- Search & Browse
- Provide Feedback
- About Us
- Contact Us

## Welcome to the Research Hub

The Research Hub connects you with people, resources, and services from across the University to enhance and accelerate your research.

### Browse categories



### Have you seen ORCID (Open Researcher and Contributor ID)?

ORCID is a persistent digital identifier that distinguishes you from every other researcher. It is integrated with universities, funders and publishers to ensure your work is recognised and attributed to you.

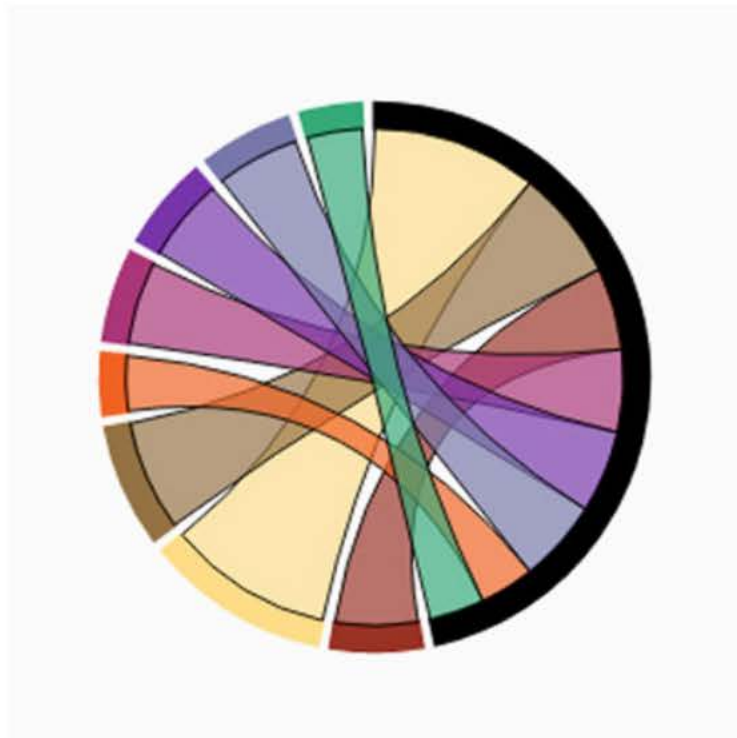


### Go to research activity filters



- 🏠 Home
- 🔍 Search & Browse
- 💬 Provide Feedback
- ℹ️ About Us
- ☎️ Contact Us

## Research Outputs

[Go](#)

## Organisational units

[Libraries and Learning Services](#)

Research Outputs is the research outputs management system used by University staff and doctoral candidates to record their research publications and activities.

Publications and creative works in Research Outputs populate University Directory profiles, the University Research Repository, and administrative reports.

For information on access and general use of the Research Outputs system, please see [Research Outputs support](#).

### Cost

Research Outputs is free of charge to end users.

### Eligibility

Research Outputs is available to staff and doctoral candidates

### Access requirements

Log in to Research Outputs using your University username and password.

### Considerations

Research Outputs is the place to record research publications and outputs.

### Additional information

Professional activities created before November 2015 are located in the [Professional Activities Legacy Database](#).

The Research Outputs Academic CV is automatically uploaded to the Academic Development Performance Review in Career Tools for academic staff.

See also [Research Outputs Information](#).

### Help and support





# WINTER BOOTCAMP

University of Auckland

10 - 14 July 2017



Code - Data - Digital Research Skills

## ABOUT



Winter Bootcamp is a week long training and education event co-ordinated by the [Center for eResearch](#) where you can up-skill in a whole host of topics related to digital research practice. Workshops and seminars range from two-day intensive and hands-on Software Carpentry programmes for general audiences, through to short informational or networking sessions. Browse the menu below to see what's on and register for sessions. Places are limited so don't delay.

Workshop hosts include the [Centre for eResearch](#), [Libraries and Learning Services](#), [CLear](#), the [New Zealand eScience Infrastructure](#), [Faculty of Science](#) and [Faculty of Medical and Health Sciences](#)

# WORKSHOPS AND SESSIONS



Software Carpentry  
Mon - Tues 10 - 11th July

Presenting Research with Academic  
Posters  
Mon 10th July

Research Data Management  
Wed 12th July

Introduction to Tidy Data and Data  
Cleaning with Open Refine  
Wed 12th July

Introduction to Deep Learning  
Wed 12th July

Online Presence  
Wed 12th July

Mobile App Development for Research  
Wed 12th July

Introduction to OpenMP - Entry Level  
Parallelisation  
Wed 12th July

Free Up your Desktop! - Using Virtual  
Machines for Research  
Wed 12th July

Introduction to MPI (Message Passing  
Interface)  
Wed 12th July

Social Media for Communicating  
Research and Building Impact  
Thurs 13th July

Referencing for Research. From Go to  
Whoa!  
Thurs 13th July

LaTeX Part 1  
Thurs 13th July

Digital Publishing on the Semantic Web  
Thurs 13th July

Three Things to Know Before Signing  
Away your Rights  
Thurs 13th July

Maximise your Success - Guidance for  
Publishing with Springer  
Thurs 13th July

Prestigious or Predatory Publishers?  
How to Navigate the Shark-infested  
Waters of Modern Publishing  
Thurs 13th July

Intellectual Property Rights  
Thurs 13th July

Open Access Licences  
Thurs 13th July

Intermediate R: Data Manipulation and  
Visualisation  
Thurs 13th July

Research Project Management  
Fri 14th July

Hands-on Introduction to HPC using  
NeSI  
Fri 14th July


LaTeX Part 2  
Fri 14th July


Introduction to User Experience Design  
Fri 14th July


Advanced MPI (Message Passing  
Interface) - Tuning and Performance  
Analysis  
Fri 14th July

Open Science and Commercialisation  
Fri 14th July



 = 1.0 FTE

 ≥ 0.5 < 1 FTE

 < 0.5 FTE



### Welcome to nzresearch.org.nz

Discover and access New Zealand's most comprehensive selection of research papers and related resources. This site include peer-reviewed and other research from universities, polytechnics, and research organisations

throughout New Zealand. If you are an organisation that produces research material in New Zealand and would like to contribute to this service please [get in touch](#).

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- [Dataset](#)
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[University of Otago](#)

[The effect of an additional application of sealer during continuous wave of condensation obturation](#)

[University of Otago](#)

[The structure of GCR and CCR groupoid C\\*-algebras](#)

[University of Otago](#)

[Rainforest, Reef, and our Appetite for Beef: Communication for Sustainable Behaviour Change](#)



MASSEY UNIVERSITY  
TE KUNENGA KI PŪREHUROA

Massey is a national university with a multi-campus character, and is New Zealand's pre-eminent distance education university. Its academic specialisations include: agriculture, veterinary and the life sciences; land, water and environmental studies; industrial innovation through engineering; design and the creative arts; business; Maori development; the social sciences; education; and nursing and public health.

See [www.massey.ac.nz](http://www.massey.ac.nz) for more information.

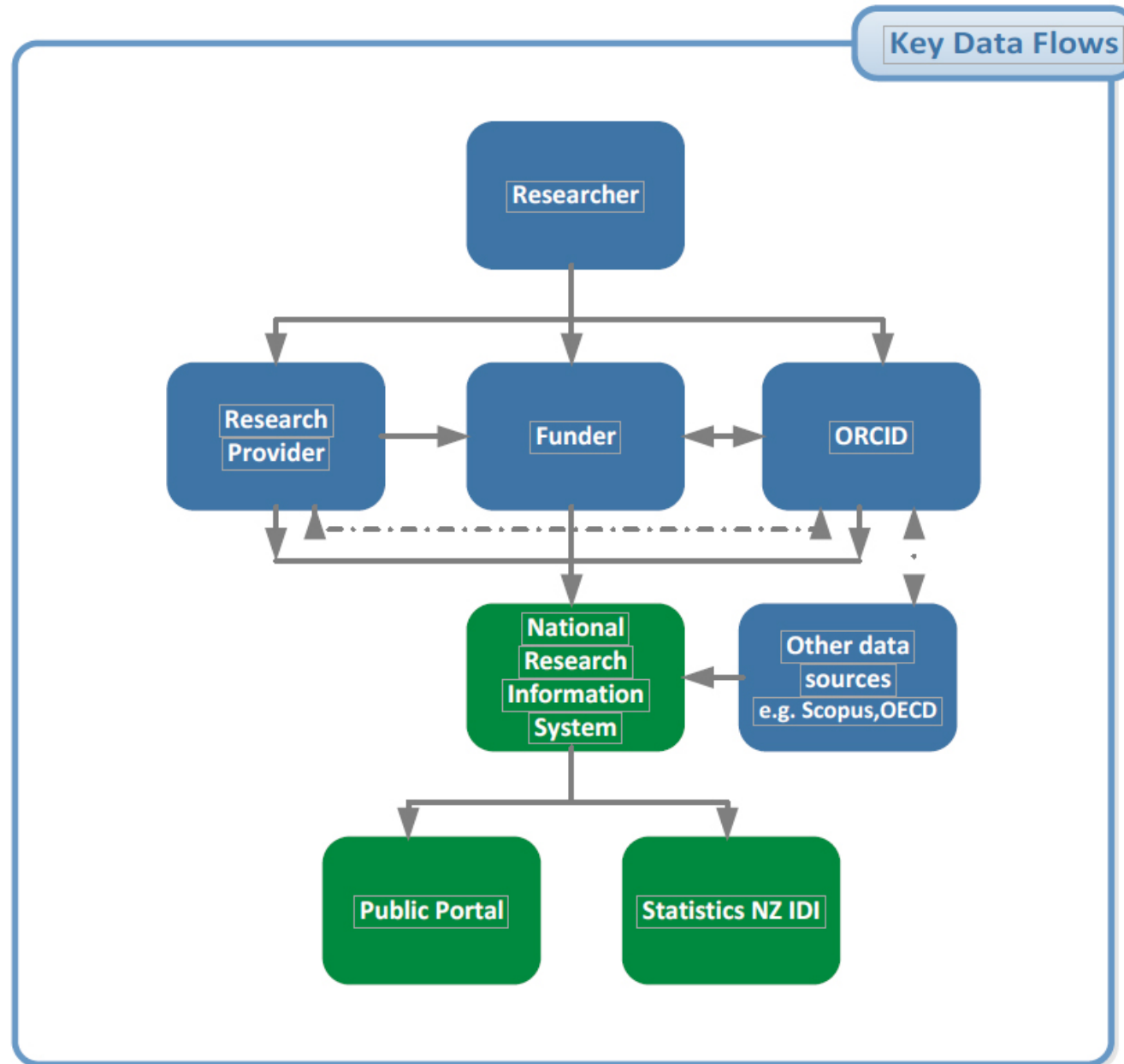
### Featured research:

[The ecological requirements of the New Zealand falcon \(\*Falco novaezealandiae\*\) in plantation forestry: a thesis presented in partial fulfilment of the requirements for the degree of Doctor of Philosophy in Zoology at Massey University, Palmerston North, New Zealand](#)

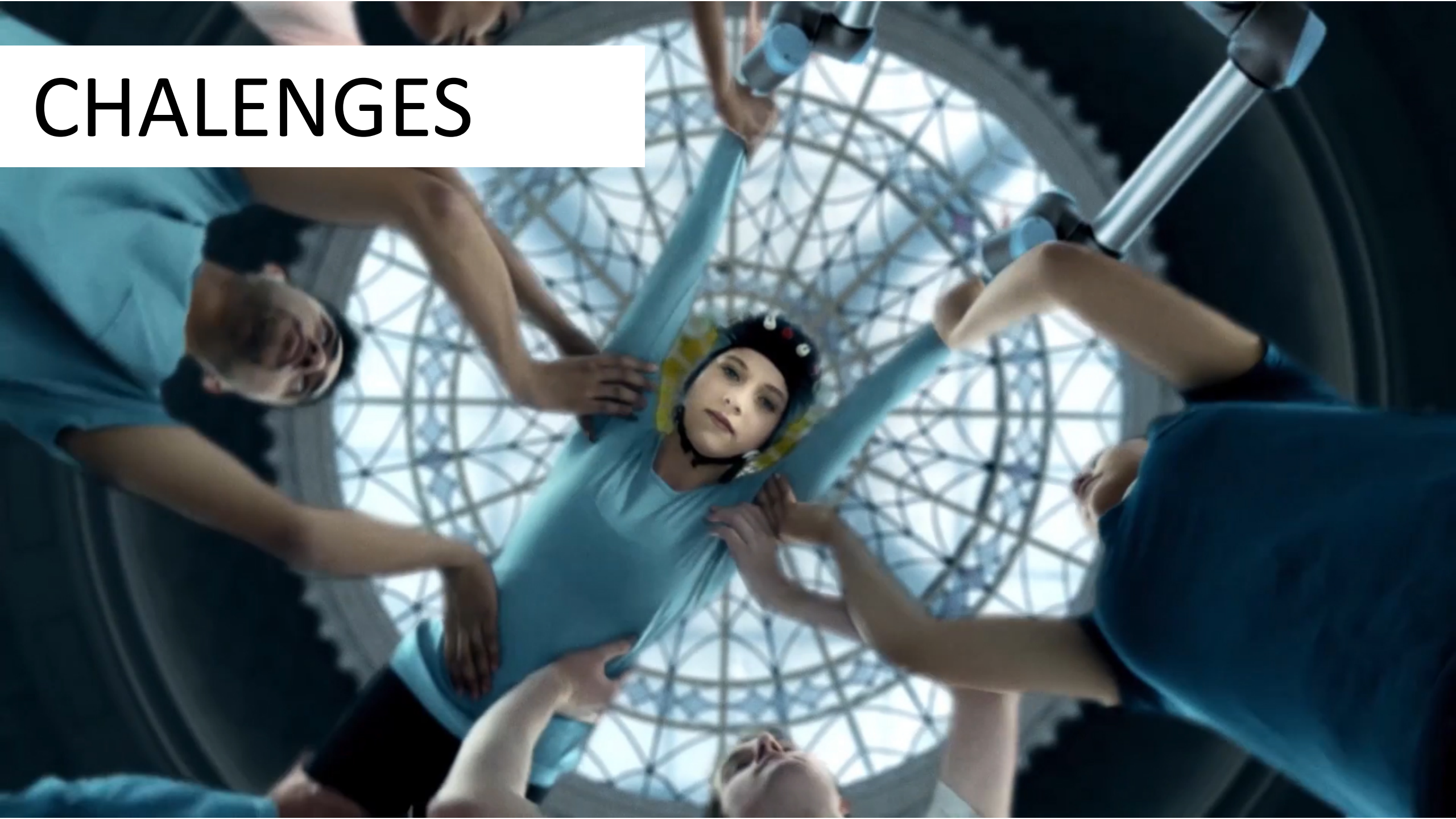
Seaton, Richard (2008)

Commercial pine plantations made up of exotic tree species are increasingly recognised as habitats that can contribute significantly to the conservation of indigenous biodiversity in New ...

# NRIS



# CHALLENGES





ISOLATION: DEVELOPERS



**NEW SERVICES: INCUBATOR**



PICKING A WINNER





**NEW ZEALAND  
INSTITUTE FOR  
PACIFIC RESEARCH**

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Rank ▲	Name	No. of FTE Students	No. of students per staff	International Students	Female:Male Ratio
191	<b>University of Massachusetts</b> United States <a href="#">Explore</a>	59,230	13.3	14%	49 : 51
192	<b>University of Auckland</b> New Zealand <a href="#">Explore</a>	30,348	18.8	29%	54 : 46
193	<b>Northeastern University</b> United States <a href="#">Explore</a>	18,780	14.0	32%	49 : 51
194	<b>Lomonosov Moscow State University</b> Russian Federation <a href="#">Explore</a>	29,236	7.3	22%	48 : 52

### STUDENT INSIGHTS

[Best universities in the world](#)

[Best universities in the UK](#)

[Best universities in the United States](#)

[Best universities in Canada](#)

[Best universities in Australia](#)

[Best universities in France](#)

[Best universities in the Netherlands](#)

[Best universities in Germany](#)

### ACADEMIC INSIGHTS

[World University Rankings 2018: results announced](#)

[World University Rankings 2018: now starring a cast of thousands](#)

[World University Rankings 2018: even the elite need improvement in some areas](#)

[World University Rankings 2018: their dreams are not impossible](#)



The smell  
of an  
oily rag

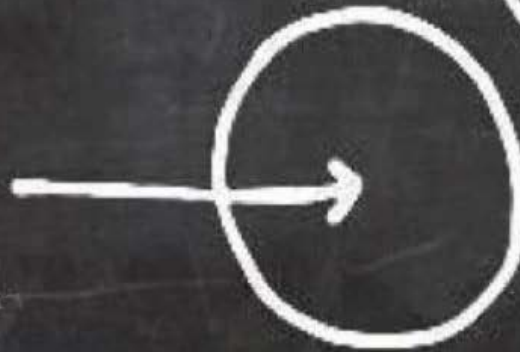
**V**olatile

**U**ncertain

**C**omplex

**A**mbiguous

Your  
Comfort  
Zone



Where the  
magic happens



# NEVER STOP QUESTIONING