

Making the most of institutional data for assembling and evaluating scientific teams

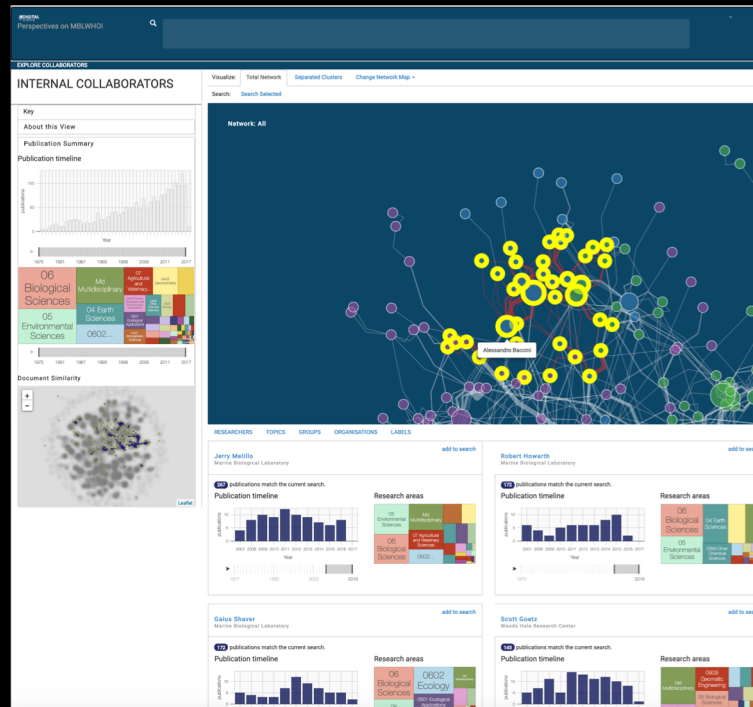
Part I, Getting the data

Simon Porter: Digital Science
@sjcporter

Briefly: About Me.

Wrangling institutional data for the better part of two decades...

The screenshot shows the 'Find an Expert' page of the University of Melbourne. It features a search bar with the text 'Search Find an Expert' and a 'Search' button. Below the search bar, there are four columns of text describing different ways to find an expert: 'I'm looking for a research collaborator', 'I'm looking for a research supervisor', 'I'm looking for an expert opinion', and 'Keep Find an Expert profiles up to date'. Each column has a 'Read more' button. The page also includes a navigation bar with links like 'Home', 'Experts by Organisation', 'Experts by Research Classification', 'Experts by International Linkage', and 'Our Research'.



The cover of the 'Digital Science White Paper' features a colorful network graph at the top. Below the graph, the title 'Digital Science White Paper' is written in bold, followed by the subtitle 'A New 'Research Data Mechanics'' in red. The author's name, 'Simon Porter', and his title, 'VP Research Relations and Knowledge Architecture', are listed below the subtitle. The date 'AUGUST 2016' is at the bottom right. The 'DIGITAL science' logo is at the bottom left.

Briefly: About Digital Science

Wrangling institutional data for
the better part of two
decades...



Michigan Research Experts: case study

To learn more about the use of
Elements & Dimensions Profiles
at the University of Michigan,
download the full case study
from:

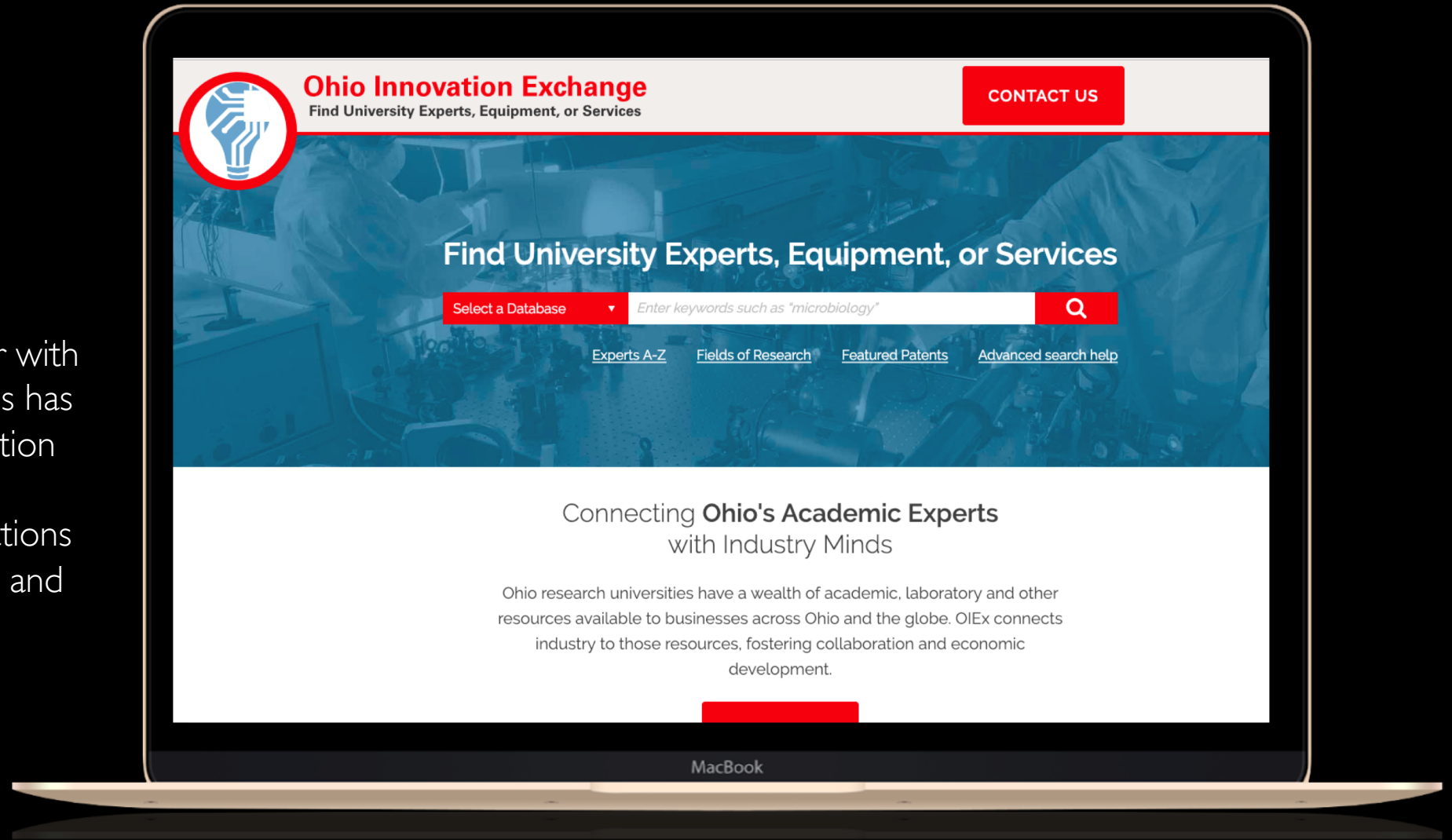
<https://doi.org/10.6084/m9.figshare.7354898.v1>



Ohio Innovation Exchange

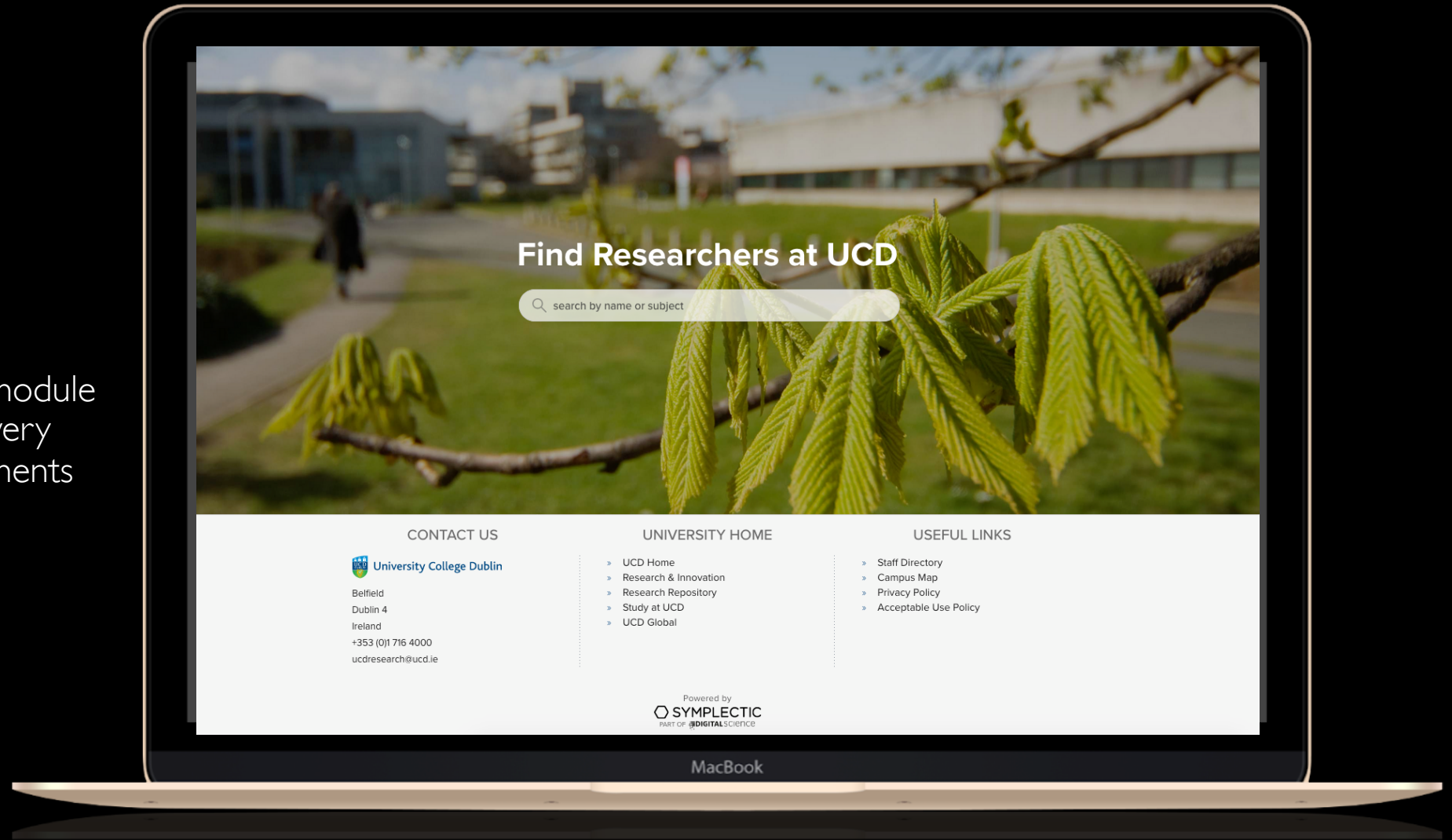
The Ohio Department of Higher Education together with six participating universities has launched the Ohio Innovation Exchange to help increase connections and collaborations between higher education and industry.

www.ohioinnovationexchange.com

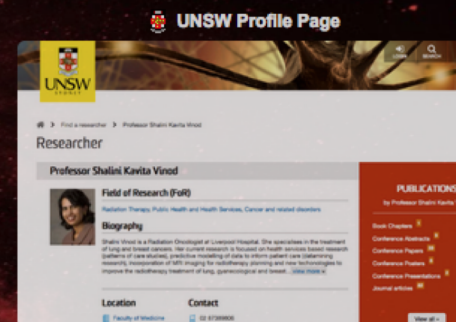
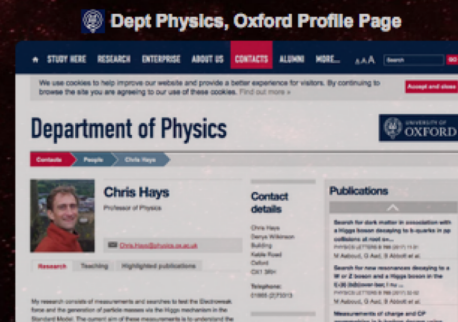
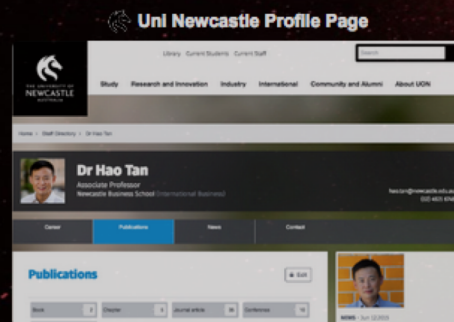
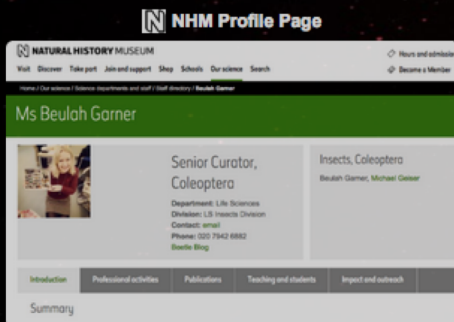
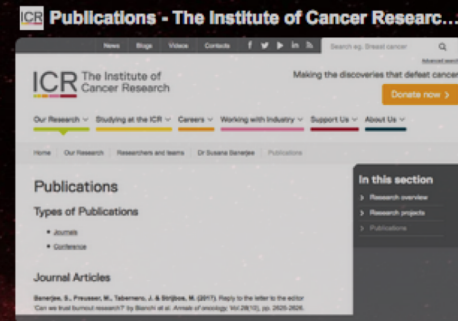
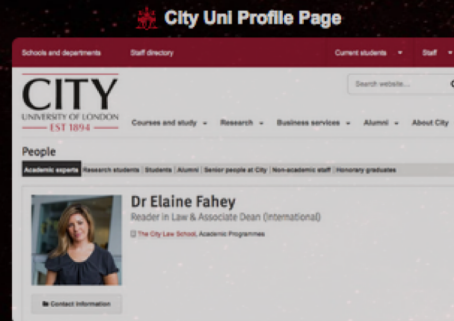
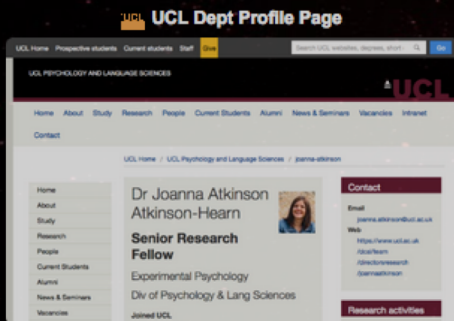
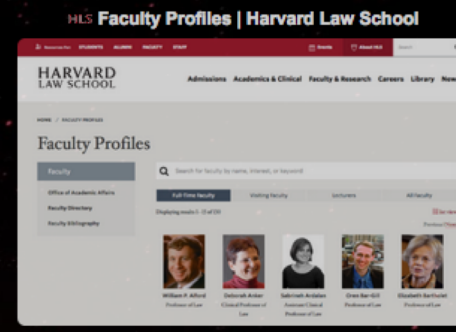
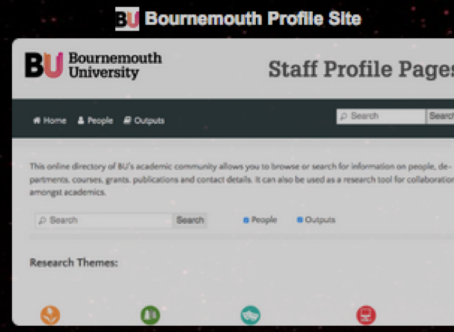


Elements Discovery Portal

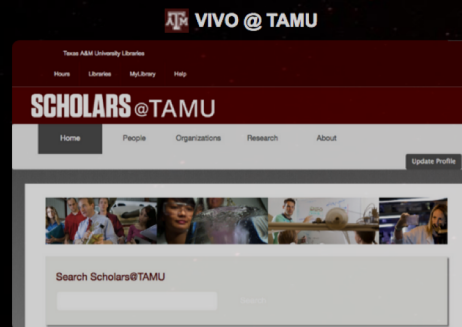
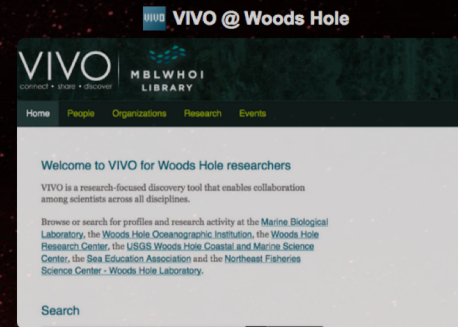
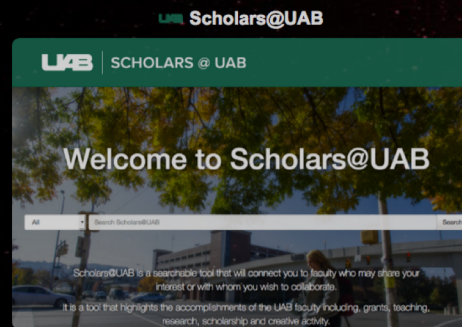
The Elements Discovery module is a new search and discovery layer for your existing Elements user profiles



Example profile sites that use Elements API/Reporting DB



Example VIVO sites supported by Symplectic



How we use University Research Information

Research Engagement

Public Profiles
Publication Discovery
Open Access
***Team Formation**

Assessment/Accountability

Individual
Department/School
Government Reporting
Team Assessment

Research Strategy

Identity (who are we?)
Narrative (where are we going?)
Benchmarking
Strategic Team Assembly

...The same data drives all of these activities...

Getting the Data: University Rules of Engagement...

Collaborate

Administration – No matter which part, local or central should only ask for Research Information once – for any purpose...
– once asked, the question is answered for everybody

Empower

Researchers absolutely have to be in control of their representations



Find an Expert



PROF JAMES MCCLUSKEY

Positions

- Senior Executive, Research

Histocompatibility and immune response genetics (T cells, HLA molecules, Ag presentation, autoimmunity, Transplantation matching)

Contact Details

✉ jamesm1@unimelb.edu.au

Visualization Gallery

Collaboration



Co-Author Network



Co-Investigator Network

Research Area Visualizations



Map Of Science



Overview



Affiliation



Publications



Research



Awards



Linkages



Supervision

Overview

Overview

Professor McCluskey is the Deputy Vice-Chancellor (Research) at The University of Melbourne, appointed in March 2011. Prior to this he was the Pro Vice-Chancellor (Research Partnerships) and Chair of Microbiology and Immunology.

Professor McCluskey trained in Perth as a physician and pathologist. He spent four years at the National Institutes of Health in the USA. On returning to Australia in 1987 he worked at Monash University until 1991 before joining Flinders University and the Australian Red Cross Blood Service.



HR



Publications System



Grants System

Research Sector Rules of Engagement...



Collaborate

Anybody in the research sector – No matter which part, publisher, funder, university or external expertise finder, can only ask for Research Information once

- once asked, the question is answered for everybody

Empower

Researchers absolutely have to be in control of their representations

Corollaries

- 1) If you ask for information, ask for it in the right way so that the information can be reused
- 2) Be prepared to share the information you have asked for
- 3) Information gathering is continuous, build a connected dataset (persistent identifiers are key)

Be prepared to do a lot of walking



Capture structured data in Elements for reuse elsewhere

