

ORCID: HELPING RESEARCHERS SHARE THEIR UNIQUENESS

RESEARCHFISH STRATEGY OF IMPACT CONFERENCE,
LONDON | NOVEMBER 15 2018

Josh Brown

Director of Partnerships

j.brown@orcid.org

orcid.org/0000-0002-8689-4935

A NAME IS NOT ENOUGH

A researcher can share a name, or change their name, or use their middle name or initial, or their name could be spelt differently, or have an accent...



ORCID ID	First name	Last name
0000-0002-8898-4520	Koichi	Tanaka
0000-0001-9115-2015	Koichi	Tanaka
0000-0001-8666-6396	Koichi	Tanaka
0000-0002-3180-7881	Koichi	Tanaka



Mark Burnley

@DrMarkBurnley



 Follow

"I'm the 38th author..."

"Wow, that sucks."

"I hadn't finished. I'm the 38th author called
"Wang"."

"Oh."

ncbi.nlm.nih.gov/pubmed/26799652

RETWEETS

611

LIKES

479



7:47 AM - 9 Feb 2016



Autophagy, 2016 Jan 2;12(1):1-222.

Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition).

Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adhiketty P, Adler SG, Agam G, Agarwal R, Agui MK, Agnello M, Agostinis P, Aguilar PV, Aguirre-Ghiso J, Airoldi EM, Alt-Si-Ali S, Akematsu T, Akporiaye ET, Al-Rubeai M, Albaiceta GM, Albanese C, Albani D, Albert ML, Aldudo J, Algül H, Alirezasi M, Alloza I, Almasan A, Almonte-Beceril M, Alnemri ES, Alonso C, Altan-Bonnet N, Altieri DC, Alvarez S, Alvarez-Erviti L, Alves S, Amadoro G, Amano A, Amanzini C, Ambrosio S, Amelio I, Amer AQ, Amessou M, Amon A, An Z, Anania FA, Anderson SU, Andley UP, Andreadi CK, Andrieu-Abadie N, Anel A, Ann DK, Anoopkumar-Dukie S, Antonicoli M, Aoki H, Apostolova N, Aquila S, Aquilano K, Araki K, Arama E, Aranda A, Araya J, Arcaro A, Arias E, Arimoto H, Ariosa AB, Armstrong JL, Arnould T, Arsov J, Asanuma K, Askanas V, Asselin E, Atarashi R, Atherton SS, Atkin JD, Attardi LD, Aubberger P, Auburger G, Aurelian L, Autelli B, Avagliano L, Avantiagglati ML, Avrahami L, Awale S, Azad N, Bachetti T, Backer JM, Bae DH, Bae JS, Bae ON, Bae SH, Bashrecke EH, Baek SH, Baghdiguian S, Bagniewska-Zadworna A, Bai H, Bai J, Bai XY, Bailly Y, Balaji KN, Balduini W, Ballabio A, Balzan R, Banerjee R, Bánhegyi G, Bao H, Barbeau B, Barrachina MD, Barreiro E, Bartel B, Bartolomé A, Baslam DC, Bassi MT, Bast RC Jr, Basu A, Batista MT, Batoko H, Battino M, Bauckman K, Baumgarter BL, Bayer KU, Beale R, Beaulieu JF, Beck GR Jr, Becker C, Beckham JD, Bédard PA, Bednarski PJ, Begley TJ, Behl C, Behrends C, Behrens GM, Behms KE, Bejarano E, Belaid A, Belleudi F, Bénard G, Berchem G, Bergamaschi D, Bergami M, Berkhout B, Berliocchi L, Bernard A, Bernard M, Bemassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhatia SK, Biagosch C, Bianchi MW, Biard-Piechaczyk M, Billes V, Bincotto C, Bingöl B, Bird SW, Bitoun M, Bledov J, Blackstone C, Blanc L, Blanco GA, Blomhoff HK, Boada-Romero E, Böckler S, Boes M, Boesze-Battaglia K, Boise LH, Bolino A, Boman A, Bonaldo P, Bordi M, Bosch J, Bosana LM, Botti J, Bou G, Bouché M, Boucheccareilh M, Boucher MJ, Boulton ME, Bouret SG, Boya P, Boyer-Guittaut M, Bozhkov PV, Brady N, Braga VM, Brancolini C, Braus GH, Bravo-San Pedro JM, Brennan LA, Bresnick EH, Brest P, Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira H, Vierstra RD, Vigneswaran N, Vijn N, Vila M, Villar M, Villar VH, Villarroya J, Vindis C, Viola G, Viscomi MT, Vitale G, Vogl DT, Voitsekhovskaja OV, von Haefen C, von Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang CY, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang HJ, Wang H, Wang HG, Wang H, Wang HD, Wang J, Wang J, Wang M, Wang MQ, Wang PY, Wang P, Wang RC, Wang S, Wang TF, Wang X, Wang XJ, Wang XW, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YJ, Wang Y, Wang Y, Wang YT, Wang Y, Wang ZN, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T, Weihi CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson



WHAT IS ORCID?

- An identifier for researchers
- A registry
- A set of standard procedures for connecting researchers to their affiliations and activities
- A committed community building connectors
- An international-scale open research effort



ORCID's vision is a world where all who participate in research, scholarship, and innovation are uniquely identified and connected to their contributions and affiliations across time, disciplines, and borders.



These connections matter because research progress is based on the communication of ideas – between individuals, and organizations – and research credit and careers are built on the quality and success of those communications.

**How do we help to showcase
the unique contributions each
researcher makes?**



Case study 1: Research resources.



EXAMPLE USE CASE

- Researcher applies for access to a resource; “Giant Laser”, providing their ORCID ID
- The organization that owns the giant laser, or processes the application adds information about the researchers access to their ORCID record.


WHAT DOES THIS MEAN?


- People, articles and research resources are linked in a robust machine and human readable manner.
- It becomes easier to track the outputs of research resource users
 - Through article metadata (e.g. DOIs)
 - Through ORCID metadata


WHAT DOES ORCID MEAN BY “RESEARCH RESOURCE”?

- Infrastructure, collections, equipment or services that require a specific proposal process or credential to access.
- Tending towards the ‘large’, i.e. national or international scale resources.
- “Things researchers use for their research”


WHAT WILL IT LOOK LIKE?

▼ Research resources (2) 

Sort 

Giant Laser Award (2 resources) 
XSEDE (City, Region, United States)
Lasers-R-Us (City, Region, United States)
1999-02-02 to 2012-02-02
Proposal ID: 123456
Handle: <https://grants.net/123456>

WHAT WILL IT LOOK LIKE?



▼ Research resources (2)  Sort

Giant Laser Award (2 resources)

XSEDE (City, Region, United States)
Organization Identifiers
GRID: [grid.xx](#)
Extreme Science and Engineering Discovery Environment: City, Region, US
<https://www.xsede.org/>
Other organization identifiers provided by GRID
ISNI: 0000 0000 0000 0000
FUNDREF: XXXXX
ORGRID: XXXXXXXXXX

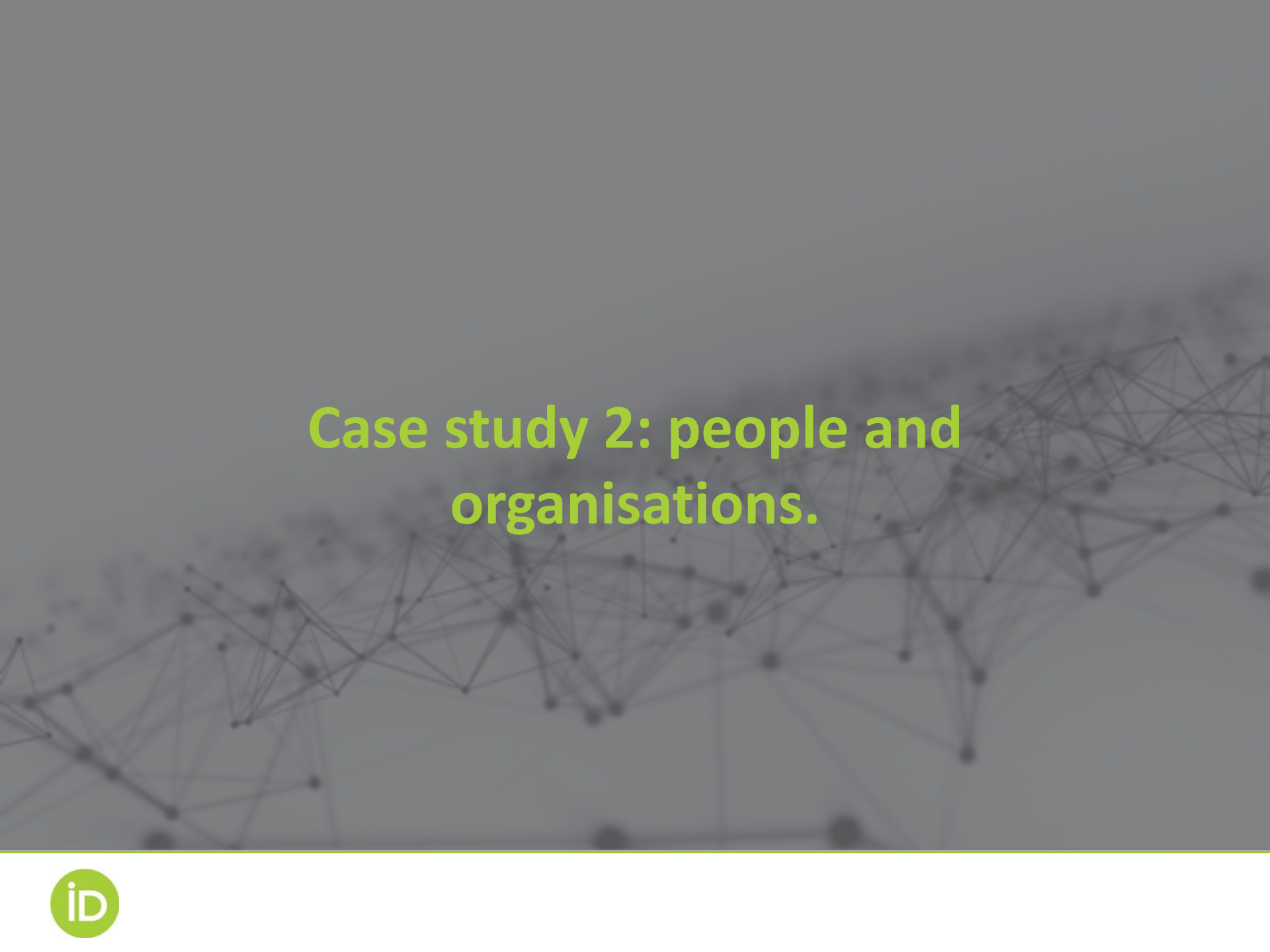
Lasers-R-Us (City, Region, United States)
Organization Identifiers
LEI: 12340084UKLVMY22D542
Lasers-R-Us: City, Region, US

1999-02-02 to 2012-02-02
Proposal ID: 123456
Handle: <https://grants.net/123456>
Source: XSEDE Created: 2018-03-14

Resource name	Type	
Giant Laser 1	Facilities and infrastructures	 show details
Moon Targets	Facilities and infrastructures	 show details

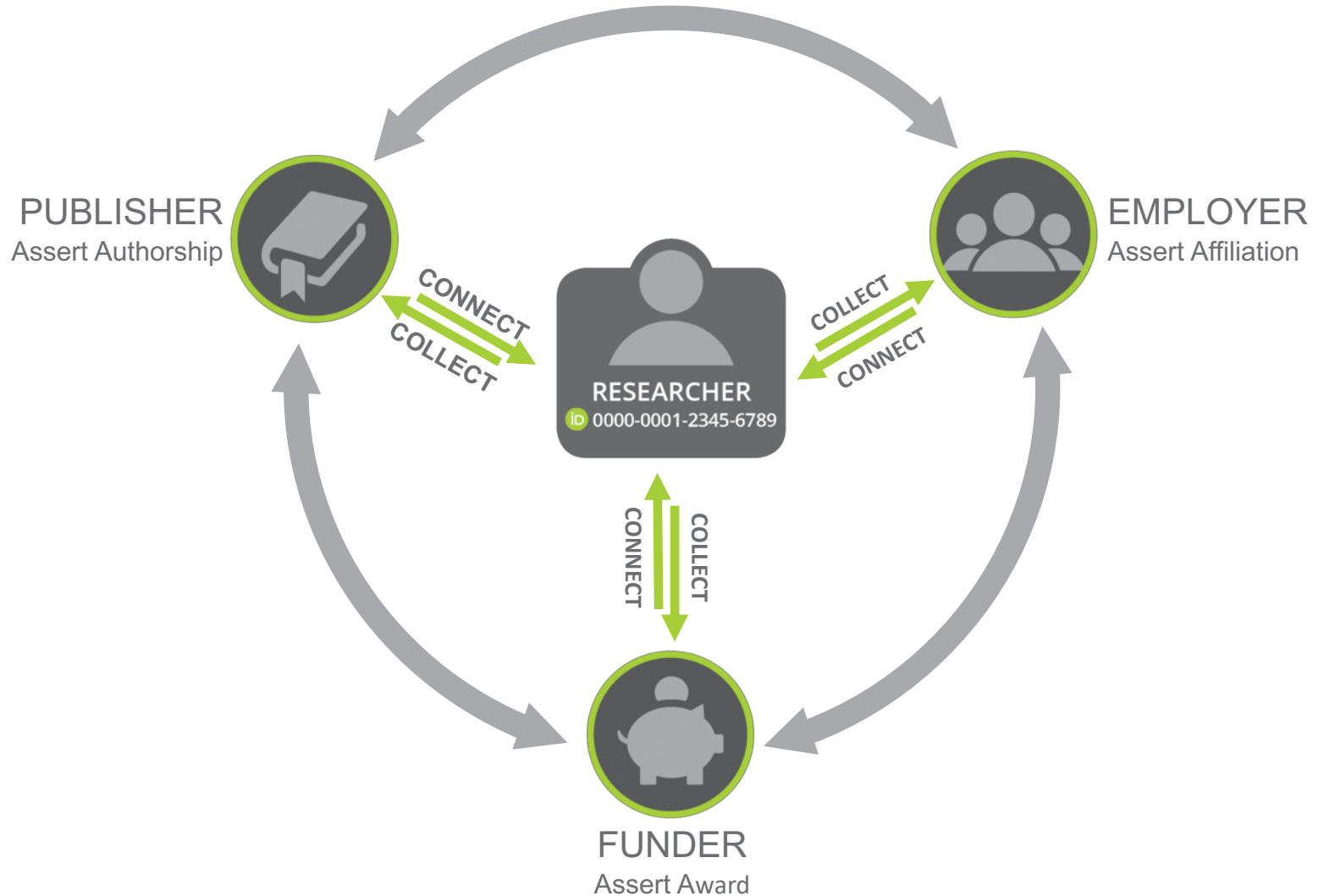
Meanwhile, downstream...

- When the researcher submits an article based on their use of the resource for publication, the publisher:
 - Asks the user to provide their ORCID ID
 - Checks their ORCID record for research resources
 - Enables the researcher to pick which research resources are associated with the article
 - Includes the ORCID ID and research resource information in the article metadata

A background image featuring a complex network of interconnected nodes and lines, resembling a social or organizational network, rendered in a light gray color against a darker gray background. The network is dense and spans across the entire width of the slide.

Case study 2: people and organisations.

How things used to look



But it wasn't a complete picture

Qualifications?

Invited positions and Distinctions?

Membership and Service?

These are *vital contributions to research, and major indicators of career esteem.*

New affiliations

Qualifications

Invited positions and Distinctions

Membership and Service

Now available in the user interface and forthcoming API versions (3.0 rc1)+

Type	Subtypes	Definition	Examples
Employment		A formal employment affiliation with an organization - paid or unpaid	Formal positions including faculty, postgraduate researchers, internships, society employee, other staff and contractors
Education and Qualifications	Education	Participation in an academic higher education program. May be designated as in progress or unfinished	Undergraduate, graduate, masters, doctorate
	Qualification	Professional or vocational accreditation, certification or training undertaken by an individual. May be designated as in progress or unfinished	Professional and continuing education qualifications, training and other certification
Invited Positions and Distinctions	Invited Position	An invited non-employment affiliation. The individual may be based at a different organization This category includes formal acknowledgements of an individual's academic efforts through honorary titles and/or positions which require no specific service May be paid or unpaid	Honorary fellow, guest researcher, emeritus professor, visiting lecturer
	Distinction	This category is for honorary and other awards, distinctions, and prizes made by an organization in recognition of an individual's academic or other achievements	Trophies, cash prizes, non-cash prizes, medals, honorary degrees
Membership and Service	Membership	Paid or gratis membership of a society or association (i.e. does not include honorary memberships and fellowships as defined under Invited Position and Distinctions)	Member of an association or society
	Service	Significant donations of time, money, or other resources to an organization or community Includes volunteer work such as society officer positions, agricultural extension work, other voluntary work	Standards body, expert panel, editorial board, study group, conference organizer, conference panel chair, committee work, project work, volunteer society officer, elected board position



**How do we help researchers to
share their uniqueness?**



A background network diagram consisting of numerous interconnected nodes and lines, creating a complex web-like structure. The nodes are small circles, and the lines are thin, connecting the nodes in a non-uniform pattern. The overall appearance is that of a digital or social network.

ORCID

Reducing

Burden and

Improving

Transparency

ORBIT: AN OVERVIEW

ORBIT is our flagship funder engagement project. We have assembled global working groups of 30 funders and research information and policy experts.

The groups oversee the project, build and test ORCID integration in funding workflows, and help to find shared solutions to common problems.



ORBIT: AN OVERVIEW

This year we have been:

- Automatically populating funding applications with CV and career information
- Sharing grant funding information via the ORCID registry
- Extending the availability of research information, and making it easier to re-use

WHAT'S NEXT?

- A funders “open letter”
- Quantified evidence of the benefits of identifiers in funding workflows
- A long term communication strategy to share the results of the project, pathfinders, and share best practice
- Engage with policy makers to ensure more consistency in ORCID adoption and use
- Use ORCID iDs to make reporting and evaluation more efficient



Every researcher and every career is unique.
There are many pathways to impact.

We want to help researchers to share more of
their uniqueness efficiently and transparently.

