

ORCID and DataCite Interoperability Network



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ODIN

Connecting scientists and datasets

Josh Brown ORCID Regional Director, Europe j.brown@orcid-eu.org



BODIN

ORCID and DataCite Interoperability Network





The ODIN mission: uniquely identify researchers and datasets and connect this information across multiple services and infrastructures for scholarly communication.

The project:

- Analysed the landscape of persistent identifiers
- Explored opportunities, and challenges, for interoperation among persistent identifiers, within and between types
- Developed proof-of-concept interoperability solutions





Supporting the research lifecycle: Discovery \rightarrow Analysis \rightarrow Sharing





Scenario 1: Starting from the data

- I am looking for data to combine with my own for meta-analysis
- I search a subjectdata centre for data of interest
- I find interesting data and see that the author is linked



Burrow House Farm, Cottam: an Anglian and Anglo-Scandinavian Settlement in East Yorkshire

Julian D Richards, 2001

Introduction Overview Downloads Usage Statistics

Data copyright © Prof Julian D Richards unless otherwise stated



Primary contact

Introduction

The presence of Anglian and Anglo-Scandinavian settlements at Cottam B, East Yorkshire, was first indicated in 1987 by numerous finds of copper alloy coins, dress pins and strap ends by metal detector users. Archaeological fieldwork revealed an enclosure of the eighth-ninth centuries AD, containing traces of a small number of post-built halls. In the late ninth century this settlement was then abandoned, a process which led to the incorporation of a human female skull in a domestic rubbish pit. A new enclosed settlement was laid out nearby, which was occupied briefly in the early tenth century. It is argued that the Anglian settlement may have been part of a royal multiple estate but that as a result of estate reorganisation after the Scandinavian settlement it developed into an independent manor. Cottam is the first so-called "productive site" in the environs of York to be the subject of archaeological investigations. The results suggest that it was a prosperous but not exceptional site, and that the primary activity was farming, with limited evidence for trade or manufacture. This work also prompts a reassessment of the typology of crop mark enclosures and a re-examination of the large number of undated enclosures in the area.





- Following the link I end up at the data creator's ORCID record
- Here I can see plenty more of their data and publications, across many data centres

Connecting Research and Researchers	FOR RESEARCHERS	FOR ORGANIZATIONS	ABOUT	HELP	SIGN IN	
				874,414	ORCID iDs and counting. See more	
Julian D Richards	* Personal Information					
D http://orcid.org/0000-0003-3938-899X	Biography					
Also known as: Julian Richards Country: United Kingdom Keywords: Informatics, Anglo- Saxon and Viking archaeology Websites: University of York home page University of York Research Database Other IDs: Scopus Author ID: 8762551700	Professor of Archaeology, University of York Director, Archaeology Data Service Director, Centre for Digital Heritage Director, White Rose College of the Arts & Humanities > Education					
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Not possible before ODIN



How has ODIN helped this?

- Creation of a DataCite claim tool for ORCID
- Allows ORCID users to claim datasets with DOIs from DataCite

CONNECTING DataCite Metadata Store WITH YOUR ORCID RECORD

DataCite Metadata Store

has asked for the following access to your ORCID Record

Add a publication to your publications list

This application will not be able to see your ORCID password, or other private info in your ORCID Record

DataCite Metadata Store

Search the DataCite Metadata Store to find your research datasets, images and other works. Then claim them by adding them to your ORCID profile at the click of a button.



Deny

Authorize



How has ODIN helped this?

 Linking from a data centre landing page is promoted with our work on integrating identifiers into archive workflows





Scenario 2: Starting from the literature

- This research paper is an important new advancement in my research area
- But I now have more questions
- I look at the citations, and see that they cite the datasets they have used. There are 2 of them.
- DataCite DOIs have allowed me to access the data for the citation

L Bliott et al. / Social Science & Medicine 107 (2014) 44-51

an last or generic coefficients in the robustness of findings. The wealth of data also also what us to explore whether the association between neighbourhood cohesian and positive neural health indicated or combined by other flaters including incohesenomic circumstances, limiting long-term libras or disability personalty, engliphourhood cohesion and welbleing are measured in the same respondents and so we do not have an independent engliphourhood cohesion.

7. Conclusions

By using data from three Reish cohors: of adults in later adulthood this paper has demonstrated that there is a robust and moderate association between perceptions of neighbourhood behaviors and mennical wellbring. There is also evidence that the being is somewhat stronger for adults over the age of 65. The use of qualitative interview meetral, including responses to an openended quastion on neighbourhood beinging, alongiale the interview meetral, including reportings to an openended quastion on neighbourhood beinging, alongiale the indicidence of the strateging the strateging of the model participation as a factor enhances perceptions of neighbourhood cohesion. This could either indicate the qualitative ison facilitates participation as in factor enhances perceptions of neightion facilitates participation in local groups. While the qualitative index do not provide divert insight in the causal mechanism underlying the results from the quaritative models, they do and setch of in the resploybourhood theolesion for older Solwhok would be consister: with the finding of a tronger association beween wellbeing an englishourhood theolesion for older adults.

Acknowledgements

This project is part of a collaborative research programme errited 'Heathy Reging across the life Course' (M4/Cyon). This programme is funded under the New Dynamics of Agenting influxious funders took no role in the design; accustion, analysis or interpretation of the data or in the veriting use of the findings. The data olicitoris for mole NFRU and IVS Conformativer has Medical data was approved by the Ethics Committee at the institute of dutations, like new estimation of the start of the start would like ne extend their thanks in all study members who papsifiered for the comments can a calculate data.

Reference

- Bowling, A., Stafford, M., 2007. How do objective and subjective assessments of neighbourhood influence social and physical functioning in older ap 7 Findings from a little structure of againg. Social Social Concern & Medicine 64 (21), 2333–2544. http://dx.doi.org/10.1018/j.soccimed.2007.01.003. Howling, Ann, Julie, Rarber & Kishard, Morris, Saha, Bhabirn, 6 January 2006. Do
- perceptions of neighbourhood environment influence health? Baseline findir from a british survey of aging. Journal of Epidemiology and Community Heal 60 (6) 476–483. http://dx.doi.org/10.1136/jech.2005.039032. Bucher, J.C., 1988. The development of an instaument to measure neighbourho
 - coheston, American Journal of Community Psychology 16 (771), 791. ittell, V. 2004. Social networks as mediators between the Harsh circumstances of People's lites and their lived experience of health and well-being (Chapter 9).
 - n, G., Morgan, D. (Eds.), Social Networks and Social and Policy Perspectives. Ashgate, Aldershot, pp. 142--Wen, IM, We

Cattell, V., 2012. Poverty, Community and Health. Palgrave Macmillan, London. Diener, E., 1984. Subjective well-being. Psychological Bulletin 95 (3), 542–575. Dominic, J., Richard, L., Gauvin, L., Kentene, Y., 2012. Neighborhood characteristics and depressive mood among older adults: an integrative review. International Psychogeriatrics/IPM 24 (8), 1207–1225. http://dx.doi.org/10.8017/ S104616021302894.

SIGNIFICATION AND A STATEMENT AND A STATEME

Age 50 (2008) Sweep of the National Child Development Study. CLS Working Paper 2020/3. Centre for Longitudinal Studies, London, yearch, HJ, 1998. A short questionnaire for the measurement of two dimensions of personality. Journal of Applied Psychology 42, 14–17.

none, but datasata y, Logia Ke, Hindamis CL, Verdanis J, Palanet S., 2007. Delive social cohesion molify the association between and an income deprinterin and mental health? A multilevel analysis. International journal of piptermology 36, 338–345 Cale, CR, Bernion, F.M., Cooper C., Ablie Sayer A, 2011. Neighbourhood environment and positive mental basilis in older people: the Hierbfordshire Cohort Study. Health & Place 37 (4), 867–874. http://dx.doi.org/10.2016/ Study. Health & Place

Study, Health & Place 17 (4), 867–874, http://dx.doi.org/10.1016/ j.healthplace.2011.05.003, Galea, S, Ahern, J, Nandi, A, Tracy, M, Beard, J, Vlahov, D, 2007. Urban neighbourhood poverty and the incidence of depression in a population-based cohort

mtdy, Anialis of Epidemiology 12, 171–179, Coldberg, EX, 2001. https://aialist.pem.Pool.http://fpip.oriorg/jpip/ julien.D., Luce, R., Lino, G., Yan, K., Auguet 2012. Neighborhood characteristics and depressive mood among older adults: an integrative review. International Psychogeniatics/JM, 24 (8), 1207–1225. http://dx.doi.org/10.1017/ 1010/160711000994.

Similard Parkets, R. Walder, K. Walder, K. Bart, and Well-being in Later life. In: Wahi, H.W., Schedt, R., Windley, P. (Eds.). Focus on Aging in Content: Sociophysical Environments. The Experience of Huose and Community in Old Age. Annual Review of Controllogy and Certatrics, vol. 23. Springer Publishing Company, New York, pp. 223–240.

Limpang, Iren Yang, Jp. 227–248.
Histransky, L. D., Salzmarnini, S.V., Kavachi, I., Fay, M.E., Soohader, M.J., Berchman, L.F., 2005. Nighborhood contentual influences on depressive symptoms in the identy. America journal of Figuenology 102, 252–260.
Hah, D., Pierce, M., Adarm, J., Dearfield, J., Biorland, U., Piblog, P., et al., 2011. Cohort profile: updating the cohort profile for the MIK National Survoy of Health and

Development: a new dinic-based data collection for ageing research. International Journal of Epidemiology 40 (1), e1=e0. Incherer, K. Kawachi, L. Kennedy, R.P. 1999. Social capital: a guide to its measurement. Health & Place 5 (4) 259–270. Mathius, M. Rehl, L. Bloomfield, K. Critterer, L. 2012. Do neizhberhoods affect in-

dovlasi mortalny? A nytematic review and meta-analysis of multilevel nucles, Social Science & Medicine 74 (8), 1204–1212. http://dx.doi.org/10.2016/ j.soci.imed.201111034.
Michael V.L., Green, M.K., Bragshar, S.K., Decomber 2006. Neighborhood design and active aging leadin & Fuene 12 (4), 714–700. http://dx.doi.org/10.2016

Joseff Sping, Profest W. Take 14 (9), 299-200, http://doi.org/10.1010/ jbs.shtplace.2003.0022.Paterson, P.K., Chapman, N.J., 2004. Urban form and older residents' service use, walking, driving, quality of 116, and neighborhood satisfaction. American

Journal of Health Promotion: AJHP 19 (1), 45-52, Phillipson, C., 2007. The 'elected' and the 'excluded': sociological perspectives on the experience of place and community in old age. Ageing & Society 27 (03), 121-142, http://dx.doi.org/10.1017/971446880X00007620.

Phillipson, C., Bernard, M., Phillips, J., Ogg, J., 2000. Family and Community Life of Older People. Routledge, London. Power, C., Elliott, J., 2006. Cohort profile: 1958 British birth cohort (National Child Development Study). International Journal of Epidemiology 35 (1), 34–41.

Pepper C., Jons, K., Bolter, A., Burges, S., Johnston, R., Saker, F., 2005. Leci neighbourhoot and mental health: evidence from the UK. Social Science 3 Medicine 64 (10):20165–2028. http://dx.doi.org/10.1016/j.socicined.2003.04.013. Sivage, M., Buguali, G., Longherz, B., 2005. Globalization and Belonging, Sage, London.

Lint, J., Willipson, C., Smith, A., Jungmin, P., 2003. Growing Order in Socially Deprived Arnas, Help the Aged, London. art T., Phillipson, C., Smith, A.E., 21 May 2005. Social Exclusion of older people in deprived Urban communities of Ingland, European Journal of Ageing 2 (2), 76– 97. https://dx.doi.org/10.1016/J.10025.60.25.6

Verbourne, CD., Hays, R.D. 1990. Marital status, social support, and health transitions in chemic disease patients. Journal of Health and Social Rehavior 31 (4 328–343.

BER, A.L., Sam, J., Schaff, I., Philippoi, C., 2004. Determinates or quality on mic amongst older people in deprived neighbourhoods. Aging and Society 24, 793-814.

Cohort profile: the Hertfordshire Cohort Study. International Journal of Epidemiology 34, 12:34–1242. nart, R., Hiller, L., Fishwick, R., Platt, S., Joseph, S., Weich, S., 2007. The Warwick-

Bitris urgh. Mettal. Well-being Scale. (WEMWB5): development and UK validation. Health & Quality of Life Outcomes 5, 63. Sen, 134, Yoone, LM, Perdue, L, 2000. Ninghborhood environment in studies of health of older adults. American Journal of Preventive Medicine 37 (5): 455– 467. Namel Ide adults of DOUBLI anamese 2009 09 (207).





- The data citation has taken me to a page that gives more details about the dataset
- Details about this data link into more papers and further datasets
- These datasets are relevant to my field, but wont quite help me answer the new questions I have.
- How can I find more data?







- I see the creators names are linked
- I click them and it takes me to their ORCID record
- Their current work has moved away from the question I'm not interested in
- But I find older datasets by these • creators that seem very relevant

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and Researchers	SIGN IN REGISTER FOR AN O			874,414	ORCID iDs and counting. See more	
Philip Curran	* Personal Inform	ation				
D http://orcid.org/0000-0002-8225-9723	Biography					
	Head of Data Services for the MRC Lifelong Health & Ageing Unit at UCL					
	and					
	Programme Manager MRC Data Support Service Project					
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Not possible before ODIN



- The DOI takes me to a new data centre
- I see a graph of the authors on this dataset and how they link to various publications and datasets
- On clicking around, I see that the creators of these older datasets have previously worked with similar collaborators to me





Not possible before ODIN



- I follow the links back to their ORCID profiles and see their work touches on some of the questions I'm now starting to ask
- I have an idea that would help ۲ to pursue those questions, so I contact them to find out more about their current work

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Scenario 3: Sharing data

- I have written my paper and submitted it to a journal
- I have produced data that can be used to reproduce my experiment
- I would like to share my data



Project metadata for the Archaeology Data Service

Please complete this form as fully as possible with details of your project. This data will form the basis of an entry about your dataset in the ADS Catalogue, and underpins the computerised searching process that allows users to discover and retrieve information.

1. Title - please indicate the title (and any alternatives) for the dataset.



 Description - please provide a brief summary (max. 200-300 words) of the main aims and objectives of the project and the content of the dataset.



How has ODIN helped this?

- I can link my paper AND my data to my ORCID profile
- There are +300,000 people named like me

х

LINK WORKS

ORCID has been working with many member organizations to make it easy to conn ORCID iD, and link information from their records. Choose one of the links wizards to get

Australian National Data Service (ANDS) Registry

Import your research datasets into ORCID from Australian National Data Service (AN Research Data Australia (RDA). ANDS is partnering with Australian research institutions producing agencies to improve discovery and reusability of research data across many domains from earth science to technology and engineering.

DataCite search and link

Search the DataCite Metadata Store to find your research datasets, images and other wor claim them by adding them to your ORCID profile at the click of a button.

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Scenario 4: Sharing thesis data

- I sign up for a Phd programme
- I write my doctoral thesis and deposit it
- I share it in EThOS



E-Thesis submission check lis

What to do

Ensure that your thesis is produced in accorda the University's Research Degree Regulations content, formatting and word count

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Clear all rights and obtain all permissions for I from third party copyright holders as you gath resources and write up your thesis



Basic search Advanced search Search results Basket Order history Logout You are logged in as Mr Sergio Ruiz

Title:	Presynaptic nicotinic modulation of neurotransmitter release in the ce
Author:	Kaiser, Sergio.
Awarding Body:	University of Bath
Current Institution:	University of Bath
Date of Award:	1999



How has ODIN helped this?

• I can link my thesis AND the data behind to my ORCID profile







Scenario 5: Sharing monograph data

- A publisher reads my thesis and asks me to do further experiments
- I publish a book with the results which is indexed by ISNI





How has ODIN helped this?

• I can import the ISNI record on my book to my ORCID profile

ISNI 0000 0000 6315 9650

Names associated with this identifier:

• Luciano, Dana

C http://isni.org/isni/000000063159650 (D) IN YOUR ORCID RECORD

Works with ISBNs associated with this identifier:

 Arranging grief : sacred time and the body in nineteenth-century America by Dana Luciano. Publisher: New York University Press, 2007 http://www.worldcat.org/isbn/9780814752227 D YES, THIS IS MY WORK - ADD TO ORCID Unsettled states : nineteenth-century American literary studies by edited by Dana Luciano and Ivy G. Wilson. Publisher: , 2014 http://www.worldcat.org/isbn/9781479889327 D YES. THIS IS MY WORK - ADD TO ORCID Unsettled states : nineteenth-century American literary studies by edited by Dana Luciano and Ivy G. Wilson. Publisher:, 2014 http://www.worldcat.org/isbn/9781479857722 D YES, THIS IS MY WORK - ADD TO ORCID Arranging grief : sacred time and the body in nineteenth-century America by Dana Luciano. Publisher: New York University Press, 2007 http://www.worldcat.org/isbn/9780814752234 D YES, THIS IS MY WORK - ADD TO ORCID









Thanks for your attention.

Any questions, now or in the future:

j.brown@orcid-eu.org

