

Curriculum Vitae

Personal details

Name John Edward James Gallacher
Title Professor of Cognitive Health, Director of Dementias Platform UK
Institution University of Oxford
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Education, memberships and awards

| | | |
|------|------------|--|
| 2010 | FFPH | Fellowship by distinction Faculty of Public Health |
| 2005 | FHEA | Fellow Higher Education Academy |
| 1995 | CPsychol | Chartered Psychologist |
| 1990 | AFBPsS | Associate Fellow British Psychological Society |
| 1989 | Rank Prize | New investigator award |
| 1985 | PhD | Occupational Psychology, UWIST |
| 1977 | BSc | Psychology 2:1, Cardiff University |

Not clinically qualified

Current and previous posts

| | |
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| 2015- | Professor of Cognitive Health, University of Oxford |
| 2014- | Director, Dementias Platform UK |
| 2006-2015 | Reader in Environmental Epidemiology, Cardiff University |
| 2004-2006 | Senior Lecturer in Environmental Epidemiology, UWCM |
| 2001-2004 | Lecturer in Environmental Epidemiology, UWCM |
| 2000-2001 | Senior Research Fellow, UWCM |
| 1997-2000 | Honorary Lecturer in Psychology, Cardiff University |
| 1989-1999 | Pastoral work |
| 1988-1989 | Pastoral training |
| 1981-1988 | Psychologist, MRC Epidemiology Unit |

Honorary positions

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| 2014- | Visiting Professor, Imperial College, London |
| 2015- | Honorary Senior Research Fellow, CTSU, Oxford |

Committees

| | |
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| 2017- | Member: MS Society Consortium Steering Group |
| 2014- | Chair: ALSPAC SAB |
| 2012-2014 | Member: Alzheimer's Society assessment panel |
| 2012-2014 | Member: LLHWP assessment panel |
| 2012- | Member: Canadian Longitudinal Study of Ageing ISAB |
| 2010-2015 | Member: Neurodem steering group |
| 2009-2014 | Deputy Chair: WT/MRC/ESRC data access committee for CLS Cohorts |
| 2005- | Member: UK Biobank steering group |

Recent grants

| | |
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| 2018-2020 | Lovestone et al: Mental Health Data Pathfinder: MRC £1M |
| 2017-2018 | Gallacher (PI): MRC-KHIDI UK-Korea Partnering Awards: MRC £10,000 |
| 2016-2018 | Gallacher (PI): Real World Outcomes for Alzheimer's Disease: IMI2 €4M |
| 2015-2020 | Gallacher (National Lead): European Prevention of Alzheimer's Dementia consortium: IMI €64M |
| 2015-2016 | Gallacher (PI): DPUK Integrated research environment: MRC £33M |
| 2014-2019 | Gallacher (PI): UK Dementias Platform: MRC £12M |
| 2014-2018 | Moore et al.: Alcohol misuse: electronic longitudinal alcohol study in communities: ESRC £1.2M |
| 2013-2015 | Gallacher (PI): Web-Based recruitment to cohort studies: NISCHR £93,000 |
| 2013-2015 | Gallacher (PI): Built environment and health: UK Biobank £50,000 |
| 2013-2016 | Webster et al.: A new technology for evidence-based urban policy and Planning: ESRC Transformative Research Grant £248,000 |

2012-2013 Matthews et al.: Micro-needle remote blood sampling device for use in epidemiologic studies: Bill and Melinda Gates Foundation: \$100,000

2012-2015 Gallacher (PI): Accelerometer and obesity: UK Biobank: £1.1M

2009-2012 Kuh D et al.: Halcyon study of the determinants of successful ageing over the lifecourse: MRC/ESRC £1.9M 2009 2012

2010-2012 Yarnell J et al.: Congestive heart failure in the Caerphilly study. BHF £150K

2010-2011 Lyons RA et al.: Health and environmental data linkage for UK Biobank: UK Biobank £49,900

2009-2012 Lyons RA, et al.: Wales Electronic Cohort for Children (WECC). NISCHR £248,000.

2006-2011 Gallacher (PI): High volume participant support for recruitment to large-scale epidemiologic studies: UK Biobank £2.5M.

2007-2011 Gallacher (PI): methods development for large scale epidemiologic studies: UK Biobank £256,000

2007-2009 Gallacher (PI) et al. National Epidemiology Wales. WORD £150K.

2006-2007 Gallacher (PI) et al. Mobile Epidemiological Laboratory. WORD £235K

2004-2006 Gallacher (PI) et al. UK Biobank Project. UK Biobank, £156K

2002-2005 Gallacher (PI) et al. The Pattern and Causes of Asymptomatic Cognitive Decline Leading to Dementia. Alzheimer's Society. £154K

2002-2003 Elwood PC, Gallacher JEJ. Cognitive Function, emotional wellbeing and dietary factors in the Caerphilly Study. FSA £ 61K,

Post graduate supervision

PhD/DPhil Previous: 5 students all successful
Current: 1 DPhil student

Biography

My core strength is the ability to recognise transformative ideas. Upon resuming my career in 2000 I perceived a need within epidemiology for large-scale, cross-cutting data collection methods and have developed this area. Although this strategic decision involved short-term opportunity costs, it has grown into leading five high quality research programmes:

Dementias Platform UK (DPUK): I am PI and Director for the MRC funded DPUK. This is a £12M initiative, was launched in June 2014. This transformative program integrates data, bio-samples and participants from >30 UK based cohorts (totalling 2M participants) into a single research platform, tasked with identifying new targets for experimental medicine and developing fine-grained risk-stratification methods with a view to recruitment to experimental studies. This program has attracted substantial further MRC investment including the coordination of a three UK-wide specialist networks for Imaging, stem cells and informatics (£33m). The platform has formed the core infrastructure for a further £8M MRC funding in 2016.

UK Biobank (UKB) Cognitive and psychological assessment: UKB is the world's most detailed gene-environment interaction study involving 500K participants and funded to over £100M to date. I have been closely involved with UKB since inception and am a member of the Steering Group, leading on cognitive and psychological assessment. UKB is a major component of DPUK and I am responsible for liaison between these projects. Research Income £4.4M.

Remote methods: I have pioneered the theory and practice of remote methods for epidemiologic purpose, organising and hosting in Cardiff "e-Epi 2012", the first international conference on e-epidemiology, organising the 'e-epi' symposium at the Euro-Epi 2013, and initiating the annual Peto lecture on e-epidemiology. Remote methods offer increased capacity and reduced costs for large scale projects. Research Income £940K.

Large-scale objective assessment of the built environment (BE): A ground-breaking innovation is the development of scalable objective measures of BE, at an individual unit of analysis. These methods fully address the problems of subjectivity, the ecological fallacy, and the modifiable area unit problem. By developing and applying automated objective assessment of BE to large-scale epidemiologic studies the impact of the built environment on health can be rigorously assessed. Current projects include environmental assessment for the entire UKB cohort (n=500K). Research Income £300K.

Healthy ageing: As a member of the Caerphilly Prospective Study (CaPS) for over 25 years and PI for the last 10 years I have developed the study's focus on ageing and dementia. This has involved the design and implementation of four rounds of cognitive and psychological testing. Over this period a broad range of collaborations has been established leading to the publication of over 300 peer review articles. Research income £425K.

Publications

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Book and chapters

1. Koychev I, Gallacher J: New Oxford Textbook of Psychiatry, Chapter 41, Dementia: Alzheimer's disease. Oxford University Press, Oxford, 2017.
2. Sarkar C, Gallacher J, Webster C. Healthy Cities: Public Health through urban planning. Edward Elgar, Cheltenham. 2014
3. Gallacher JEJ "Population association Studies" in "The Genetics of Complex Disease" editors Ammar Al-Chalabi and Laura Almasi. Cold Spring Harbor. 2009.
4. Gallacher JEJ. Risk communication and risk communication equilibrium theory. In Violanti J. (ed) Who Gets PTSD? 2006; Chapter 11, 162 – 177.
5. Gallacher JEJ, Sweetnam PM, Gilbert JF, Yarnell JWG, Elwood PC. "Employment status and risk factors for ischaemic Heart Disease in the Caerphilly Study" in Winnubst JAM and Maes S (eds) "Lifestyles, Stress and Health" DSWO press, Leiden 1992.
6. Gallacher J, Beswick A. Telic state, Type A, and blood pressure. In M. J. Apter, J. H. Kerr, & M. P. Cowles (Eds.), Progress in reversal theory (pp. 173-178). 1988.

Articles in peer reviewed journals

2018

1. Patterson CC, Blankenberg S, Ben-Shlomo Y, Heslop L, Bayer A, Lowe G, Zeller T, Gallacher J, Young I, Yarnell JWG. [Troponin and BNP are markers for subsequent non-ischaemic congestive heart failure: the Caerphilly Prospective Study \(CaPS\)](#). Open Heart. 2018 Feb 23;5(1):e000692. doi: 10.1136/openhrt-2017-000692. eCollection 2018.
2. Piumatti G, Moore S, Berridge D, Sarkar C, Gallacher J. [The relationship between alcohol use and long-term cognitive decline in middle and late life: a longitudinal analysis using UK Biobank](#). J Public Health (Oxf). 2018 Feb 16. doi: 10.1093/pubmed/fdy032. [Epub ahead of print]
3. Elwood PC, Whitmarsh A, Gallacher J, Bayer A, Adams R, Heslop L, Pickering J, Morgan G, Galante J, Dolwani S, Longley M, Roberts ZE. [Healthy living and cancer: evidence from UK Biobank](#). Ecancermedicallscience. 2018 Jan 4;12:792. doi: 10.3332/ecancer.2018.792. eCollection 2018.
4. Sarkar C, Webster C, Gallacher J. [Neighbourhood walkability and incidence of hypertension: Findings from the study of 429,334 UK Biobank participants](#). Int J Hyg Environ Health. 2018 Feb 2. pii: S1438-4639(17)30581-3. doi: 10.1016/j.ijheh.2018.01.009. [Epub ahead of print]
5. Piumatti G, Moore SC, Berridge DM, Sarkar C, Gallacher J. [The relationship between alcohol use and long-term cognitive decline in middle and late life: a longitudinal analysis using UK Biobank](#). J Public Health (Oxf). 2018 Jan 9. doi: 10.1093/pubmed/fdx186. [Epub ahead of print]

2017

6. Sarkar C, Webster C, Gallacher J [Association between adiposity outcomes and residential density: a full-data, cross-sectional analysis of 419 562 UK Biobank adult participants](#) The Lancet Planetary Health 1(7):e277-e288 Oct 2017 [https://doi.org/10.1016/S2542-5196\(17\)30119-5](https://doi.org/10.1016/S2542-5196(17)30119-5)
7. Paige E, Barrett J, Pennells L, Sweeting M, Willeit P, Di Angelantonio E, Gudnason V, Nordestgaard BG, Psaty BM, Goldbourt U, Best LG, Assmann G, Salonen JT, Nietert PJ, Verschuren WMM, Brunner EJ, Kronmal RA, Salomaa V, Bakker SJL, Dagenais GR, Sato S, Jansson JH, Willeit J, Onat A, de la Cámara AG, Roussel R, Völzke H, Dankner R, Tipping RW, Meade TW, Donfrancesco C, Kuller LH, Peters A, Gallacher J, Kromhout D, Iso H, Knuiman M, Casiglia E, Kavousi M, Palmieri L, Sundström J, Davis BR, Njølstad I, Couper D, Danesh J, Thompson SG, Wood A. [Use of Repeated](#)

[Blood Pressure and Cholesterol Measurements to Improve Cardiovascular Disease Risk Prediction: An Individual-Participant-Data Meta-Analysis](#). Am J Epidemiol. 2017 Oct 15;186(8):899-907. doi: 10.1093/aje/kwx149.

8. Yang J, Samsel PA, Narov K, Jones A, Gallacher D, Gallacher J, Sampson JR, Shen MH. [Combination of Everolimus with Sorafenib for Solid Renal Tumors in Tsc2+/- Mice Is Superior to Everolimus Alone](#). Neoplasia. 2017 Feb;19(2):112-120. doi: 10.1016/j.neo.2016.12.008. Epub 2017 Jan 13.

2016

9. Gallacher J. What's the good of a science platform? Philos Trans A Math Phys Eng Sci. 2016 Dec 28;374(2083). pii: 20160127. doi: 10.1098/rsta.2016.0127.
10. Nevado-Holgado AJ, Kim CH, Winchester L, Gallacher J, Lovestone S. [Commonly prescribed drugs associate with cognitive function: a cross-sectional study in UK Biobank](#). BMJ Open. 2016 Nov 30;6(11):e012177. doi: 10.1136/bmjopen-2016-012177.
11. Brown A, Kirichek O, Balkwill A, Reeves G, Beral V, Sudlow C, Gallacher J, Green J. [Comparison of dementia recorded in routinely collected hospital admission data in England with dementia recorded in primary care](#). Emerg Themes Epidemiol. 2016 Oct 28;13:11. eCollection 2016.
12. Gong Y, Palmer S, Gallacher J, Marsden T, Fone D. [A systematic review of the relationship between objective measurements of the urban environment and psychological distress](#). Environ Int. 2016 Sep 3;96:48-57. doi: 10.1016/j.envint.2016.08.019. [Epub ahead of print]
13. Galante J, Bekkers MJ, Mitchell C, Gallacher J. [Loving-Kindness Meditation Effects on Well-Being and Altruism: A Mixed-Methods Online RCT](#). Appl Psychol Health Well Being. 2016 Jun 23. doi: 10.1111/aphw.12074
14. Davies G, Marioni RE, Liewald DC, Hill WD, Hagenaars SP, Harris SE, Ritchie SJ, Luciano M, Fawns-Ritchie C, Lyall D, Cullen B, Cox SR, Hayward C, Porteous DJ, Evans J, McIntosh AM, Gallacher J, Craddock N, Pell JP, Smith DJ, Gale CR, Deary IJ. [Genome-wide association study of cognitive functions and educational attainment in UK Biobank \(N=112 151\)](#). Mol Psychiatry. 2016 Jun;21(6):758-67. doi: 10.1038/mp.2016.45.
15. North TL, Ben-Shlomo Y, Cooper C, Deary IJ, Gallacher J, Kivimäki M, Kumari M, Martin RM, Pattie A, Sayer AA, Starr JM, Wong A, Kuh D, Rodriguez S, Day IN. [A study of common Mendelian disease carriers across ageing British cohorts: meta-analyses reveal heterozygosity for alpha 1-antitrypsin deficiency increases respiratory capacity and height](#). J Med Genet. 2016 Apr;53(4):280-8. doi: 10.1136/jmedgenet-2015-103342.
16. Martin DJ, Ul-Haq Z, Nicholl BI, Cullen B, Evans J, Gill JM, Roberts B, Gallacher J, Mackay D, McIntosh A, Hotopf M, Craddock N, Deary IJ, Pell JP, Smith DJ. [Cardiometabolic disease and features of depression and bipolar disorder: population-based, cross-sectional study](#). Br J Psychiatry. 2016 Apr;208(4):343-51. doi: 10.1192/bjp.bp.114.157784.
17. White J, Zaninotto P, Walters K, Kivimäki M, Demakakos P, Biddulph J, Kumari M, De Oliveira C, Gallacher J, Batty GD. [Duration of depressive symptoms and mortality risk: the English Longitudinal Study of Ageing \(ELSA\)](#). Br J Psychiatry. 2016 Apr;208(4):337-42. doi: 10.1192/bjp.bp.114.155333.
18. Olsen JR, Gallacher J, Finlay AY, Piguet V, Francis NA. [Quality of life impact of childhood skin conditions measured using the Children's Dermatology Life Quality Index \(CDLQI\): a meta-analysis](#). Br J Dermatol. 2016 Apr;174(4):853-61. doi: 10.1111/bjd.14361.
19. Hagenaars SP, Harris SE, Davies G, Hill WD, Liewald DC, Ritchie SJ, Marioni RE, Fawns-Ritchie C, Cullen B, Malik R; METASTROKE Consortium, International Consortium for Blood Pressure GWAS; SpiroMeta Consortium; CHARGE Consortium Pulmonary Group, CHARGE Consortium Aging and Longevity Group, Worrall BB, Sudlow CL, Wardlaw JM, Gallacher J, Pell J, McIntosh AM, Smith DJ, Gale CR, Deary IJ. [Shared genetic aetiology between cognitive functions and physical and mental health in UK Biobank \(N=112 151\) and 24 GWAS consortia](#). Mol Psychiatry. 2016 Jan 26. doi: 10.1038/mp.2015.225.

20. Galante J, Adamska L, Young A, Young H, Littlejohns TJ, Gallacher J, Allen N. [The acceptability of repeat Internet-based hybrid diet assessment of previous 24-h dietary intake: administration of the Oxford WebQ in UK Biobank](#). Br J Nutr. 2016 Feb 28;115(4):681-6. doi: 10.1017/S0007114515004821.
21. Olsen JR, Piguet V, Gallacher J, Francis NA. [Molluscum contagiosum and associations with atopic eczema in children: a retrospective longitudinal study in primary care](#). Br J Gen Pract. 2016 Jan;66(642):e53-8. doi: 10.3399/bjgp15X688093

2015

22. Sarkar C, Webster C, Gallacher J [UK Biobank Urban Morphometric Platform \(UKBUMP\) – a nationwide resource for evidence-based healthy city planning and public health interventions](#) Annals of GIS 21(2):135-148 03 Apr 2015 <https://doi.org/10.1080/19475683.2015.1027791>
23. Gallagher NE, Neville CE, Lyner N, Yarnell J, Gallacher JE, Ben-Shlomo Y, Fehily A, Woodside JV [Dietary Patterns and Hearing Loss in Older People](#) PROCEEDINGS OF THE NUTRITION SOCIETY 74(OCE4):E262 2015 <https://doi.org/10.1017/S0029665115003043>
24. White J, Zaninotto P, Walters K, Kivimäki M, Demakakos P, Shankar A, Kumari M, Gallacher J, Batty GD [Severity of depressive symptoms as a predictor of mortality: the English longitudinal study of ageing](#). Psychol Med. 2015 Oct;45(13):2771-9. doi: 10.1017/S0033291715000732. Epub 2015 May 4.
25. Cullen B, Nicholl BI, Mackay DF, Martin D, Ul-Haq Z, McIntosh A, Gallacher J, Deary IJ, Pell JP, Evans JJ, Smith DJ. [Cognitive function and lifetime features of depression and bipolar disorder in a large population sample: Cross-sectional study of 143,828 UK Biobank participants](#). Eur Psychiatry. 2015 Nov;30(8):950-8. doi: 10.1016/j.eurpsy.2015.08.006.
26. Stephenson D, Hu MT, Romero K, Breen K, Burn D, Ben-Shlomo Y, Bhattaram A, Isaac M, Venuto C, Kubota K, Little MA, Friend S, Lovestone S, Morris HR, Grosset D, Sutherland M, Gallacher J, Williams-Gray C, Bain LJ, Avilés E, Marek K, Toga AW, Stark Y, Forrest Gordon M, Ford S. [Precompetitive Data Sharing as a Catalyst to Address Unmet Needs in Parkinson's Disease](#). J Parkinsons Dis. 2015;5(3):581-94. doi: 10.3233/JPD-150570.
27. Patterson CC, Blankenberg S, Ben-Shlomo Y, Heslop L, Bayer A, Lowe G, Zeller T, Gallacher J, Young I, Yarnell J. [Which biomarkers are predictive specifically for cardiovascular or for non-cardiovascular mortality in men? Evidence from the Caerphilly Prospective Study \(CaPS\)](#). Int J Cardiol. 2015 Dec 15;201:113-8. doi: 10.1016/j.ijcard.2015.07.106. Epub 2015 Aug 5.
28. Quinn TJ, Alghamdi J, Padmanabhan S, Porteous DJ, Smith BH, Hocking L, Deary IJ, Gallacher J, Messow M, Stott DJ. [Association between cognition and gene polymorphisms involved in thrombosis and haemostasis](#). Age (Dordr). 2015 Aug;37(4):9820. doi: 10.1007/s11357-015-9820-y. Epub 2015 Aug 1.
29. Creavin S, Fish M, Gallacher J, Bayer A, Ben-Shlomo Y. [Clinical history for diagnosis of dementia in men: Caerphilly Prospective Study](#). Br J Gen Pract. 2015 Aug;65(637):e489-99. doi: 10.3399/bjgp15X686053.
30. Emerging Risk Factors collaboration: Association of Cardiometabolic multimorbidity with mortality. JAMA. 2015 Jul 7;314(1):52-60. doi: 10.1001/jama.2015
31. Sudlow C, Gallacher J, Allen N, et al. UK Biobank: an open access resource for identifying the causes of a wide range of complex diseases of middle and old age. PLoS Medicine 2015 Mar 31;12(3):e1001779.
32. Swerdlow et al. HMG-coenzyme A reductase inhibition, type 2 diabetes and bodyweight: evidence from genetic analysis and randomised trials. Lancet 2015. Jan 24;385(9965):351-61.
33. Olsen et al. Time to resolution and effect on quality of life in molluscum contagiosum in children in the UK. Lancet Infect. Dis. 2015 Feb;15(2):190-5.

2014

34. Ul-Haq Z, Smith DJ, Nicholl BI, Cullen B, Martin D, Gill JMR, Evans J, Roberts B, Deary IJ, Gallacher J *et al.* [Gender differences in the association between adiposity and probable major depression: a cross-sectional study of 140,564 UK Biobank participants.](#) *BMC psychiatry* 14:153 26 May 2014 <https://doi.org/10.1186/1471-244X-14-153>
35. Guthrie PA, Abdollahi MR, Gaunt T, Lawlor DA, Ben-Shlomo Y, Gallacher J, Davey Smith G, Day IN, Rodriguez S. Haptoglobin duplication, hemoglobin, and vitamin C: analyses in the British Women's Heart and Health Study and Caerphilly Prospective Study. *Dis Markers*. 2014;2014:529456. doi: 10.1155/2014/529456. Epub 2014 Nov 30.
36. Green CJ, Holly JM, Bayer A, Fish M, Ebrahim S, Gallacher J, Ben-Shlomo Y. J Alzheimers Dis. 2014 Apr 4. [Epub ahead of print]: The Role of IGF-I, IGF-II, and IGFBP-3 in Male Cognitive Aging and Dementia Risk: The Caerphilly Prospective Study. *JAMA*. 2014 Mar 26;311(12):1225-33. doi: 10.1001/jama.2014.1873
37. Emerging Risk Factors Collaboration. Glycated hemoglobin measurement and prediction of cardiovascular disease. *JAMA*. 2014 Mar 26;311(12):1225-33. doi: 10.1001/jama.2014.1873.
38. Gong Y, Gallacher J, Palmer S, Fone D: Neighbourhood green space, physical function and participation in physical activities among elderly men: the Caerphilly Prospective Study. *Int J Behav Nutr Phys Act*. 2014 Mar 19;11(1):40. doi: 10.1186/1479-5868-11-40.
39. Yang J, Kalogerou M, Samsel PA, Zhang Y, Griffiths DF, Gallacher J, Sampson JR, Shen MH: Renal tumours in a *Tsc2*^{-/-} mouse model do not show feedback inhibition of Akt and are effectively prevented by rapamycin. *Oncogene*. 2014 Mar 17. doi: 10.1038/onc.2014.17.
40. Rothman K, Hatch E, Gallacher J: Representativeness is not helpful in studying heterogeneity of effects across subgroups. *Int J Epidemiol*. 2014 Apr;43(2):633-4. doi: 10.1093/ije/dyt265. Epub 2014 Jan 6.

2013

41. Elwood P, Galante J, Pickering J, Palmer S, Bayer A, Ben-Shlomo Y, Longley M, Gallacher J: Healthy lifestyles reduce the incidence of chronic diseases and dementia: evidence from the Caerphilly cohort study. *PLoS One*. 2013 Dec 9;8(12):e81877. doi: 10.1371/journal.pone.0081877. eCollection 2013.
42. Ul-Haq Z, Mackay DF, Martin D, Smith DJ, Gill JM, Nicholl BI, Cullen B, Evans J, Roberts B, Deary IJ, Gallacher J, Hotopf M, Craddock N, Pell JP: Heaviness, health and happiness: a cross-sectional study of 163066 UK Biobank participants. *J Epidemiol Community Health*. 2014 Apr;68(4):340-8. doi: 10.1136/jech-2013-203077. Epub 2013 Dec 13.
43. European Alzheimer's Disease Initiative (EADI); Genetic and Environmental Risk in Alzheimer's Disease; Alzheimer's Disease Genetic Consortium; Cohorts for Heart and Aging Research in Genomic Epidemiology. Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. *Nat Genet*. 2013 Dec;45(12):1452-8. doi: 10.1038/ng.2802. Epub 2013 Oct 27
44. Emerging Risk Factors Collaboration. Assessing risk prediction models using individual participant data from multiple studies. *Am J Epidemiol*. 2014 Mar 1;179(5):621-32. doi: 10.1093/aje/kwt298. Epub 2013 Dec 22.
45. Olsen JR, Gallacher J, Piguet V, Francis NA: Epidemiology of molluscum contagiosum in children: a systematic review. *Fam Pract*. 2014 Apr;31(2):130-6. doi: 10.1093/fampra/cmt075. Epub 2013 Dec 2.
46. Smith DJ, Nicholl BI, Cullen B, Martin D, Ul-Haq Z, Evans J, Gill JM, Roberts B, Gallacher J, Mackay D, Hotopf M, Deary I, Craddock N, Pell JP: Prevalence and characteristics of probable major depression and bipolar disorder within UK Biobank: cross-sectional study of 172,751 participants. *PLoS One*. 2013 Nov 25;8(11):e75362
47. Rothman KJ, Gallacher JE, Hatch EE Rebuttal: Rebuttal: When it comes to scientific inference, sometimes a cigar is just a cigar. *International Journal of Epidemiology* 2013;42(4):1026-8

48. Rothman KJ, Gallacher JE, Hatch EE. Why representativeness should be avoided. *International Journal of Epidemiology* 2013;42(4):1012-4
49. Berrill JW, Gallacher J, Hood K, Green JT, Matthews SB, Campbell AK, Smith A. An observational study of cognitive function in patients with irritable bowel syndrome and inflammatory bowel disease. *Neurogastroenterology and Motility*. 2013; Aug 26 Epub ahead of print
50. Gardner MP, Martin-Ruiz C, Cooper R, Hardy R, Sayer AA, Cooper C, Deary IJ, Gallacher J, Harris SE, Shiels PG, Starr JM, Kuh D, von Zglinicki T, Ben-Shlomo Y; Halcyon study team. Telomere length and physical performance at older ages: an individual participant meta-analysis. *PLoS One*. 2013 Jul 26;8(7):e69526
51. Sarkar C, Gallacher J, Webster C. Built environment configuration and change in body-mass index in the Caerphilly prospective study (CaPS). *Health and Place* 2013;19:33-44.
52. Sarkar C, Gallacher J, Webster C. Urban built environment configuration and psychological distress in older men: results from the Caerphilly study. *BMC Public Health*. 2013 Jul 30;13:695.
53. Cooper R, Stafford M, Hardy R, Aihie Sayer A, Ben-Shlomo Y, Cooper C, Craig L, Deary IJ, Gallacher J, McNeill G, Starr JM, Kuh D, Gale CR; on behalf of the HALCYon study team. Physical capability and subsequent positive mental wellbeing in older people: findings from five HALCYon cohorts. *Age (Dordr)*. 2013 Jul 2. Epub ahead of print
54. Alfred T, Ben-Shlomo Y, Cooper R, Hardy R, Deary IJ, Elliott J, Harris SE, Hyppönen E, Kivimaki M, Kumari M, Maddock J, Power C, Starr JM, Kuh D, Day IN; HALCYon Study Team. Genetic variants influencing biomarkers of nutrition are not associated with cognitive capability in middle-aged and older adults. *J Nutr*. 2013;143(5):606-12.
55. Hardy R, Cooper R, Aihie Sayer A, Ben-Shlomo Y, Cooper C, Deary IJ, Demakakos P, Gallacher J, Martin RM, McNeill G, Starr JM, Steptoe A, Syddall H, Kuh D; HALCYon study team. Body mass index, muscle strength and physical performance in older adults from eight cohort studies: the HALCYon programme. *PLoS One*. 2013;8(2):e56483.
56. Gallacher J, Collins R, Elliott P, Palmer S, Burton P, Mitchell C, John G, Lyons R. A platform for the remote conduct of gene-environment interaction studies. *PLoS One*. 2013;8(1):e54331.
57. Yang J, Kalogerou M, Gallacher J, Sampson JR, Shen MH. *Eur J Cancer*. 2013 Apr;49(6):1479-90. Renal tumours in a Tsc1+/- mouse model show epigenetic suppression of organic cation transporters Slc22a1, Slc22a2 and Slc22a3, and do not respond to metformin. *Eur J Cancer*. 2013 Apr;49(6):1479-90.
58. Alfred T, Ben-Shlomo Y, Cooper R, Hardy R, Cooper C, Deary IJ, Gunnell D, Harris SE, Kumari M, Martin RM, Sayer AA, Starr JM, Kuh D, Day IN; HALCYon study team. Genetic markers of bone and joint health and physical capability in older adults: the HALCYon programme. *Bone*. 2013 Jan;52(1):278-85.
59. Gardner MP, Lightman S, Sayer AA, Cooper C, Cooper R, Deeg D, Ebrahim S, Gallacher J, Kivimaki M, Kumari M, Kuh D, Martin RM, Peeters G, Ben-Shlomo Y; Halcyon Study Team. Dysregulation of the hypothalamic pituitary adrenal (HPA) axis and physical performance at older ages: an individual participant meta-analysis. *Psychoneuroendocrinology*. 2013 Jan;38(1):40-9.

2012

60. Gallacher J, Elwood P, Pickering J, Bayer A, Fish M, Ben-Shlomo Y. Benzodiazepine use and risk of dementia: Evidence from the Caerphilly Study. *Journal of Epidemiology and Community Health*. 2012;66(10):869-73.
61. Clarke AJ, Cooper DN, Krawczak M, Tyler-Smith C, Wallace HM, Wilkie AO, Raymond FL, Chadwick R, Craddock N, John R, Gallacher J, Chiano M. Sifting the significance from the data' - the impact of high-throughput genomic technologies on human genetics and health care. *Hum Genomics*. 2012 Aug 2;6:11.

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