

David Bann PhD

Contact Details

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Qualifications

2009–2013 PhD in Epidemiology (passed without revisions), University College London, UK.
2006–2007 Master of Research in Evolutionary Biology and Systematics (Distinction), University of Glasgow
2002–2006 BSc Dual Honours in Biology and Psychology (2.1), Stirling University

Employment History

2015-current Associate Professor (2018-) in Population Health and Co-Investigator (1958 Birth cohort)
Lecturer (2016-2018)
Research Officer (2015-2016)
Centre for Longitudinal Studies, Social Research Institute, University College London
2012-2015 MRC Career Development Fellow, MRC Unit for Lifelong Health and Ageing at UCL
2008–2011 Freelance Scientific Editor, Edanz Editing.
2008 Technical Editor (clinical medical journals), Springer Publishing Group
2006-2007 Chief Senior Resident (Warden) for safety and student welfare, University of Glasgow

Selected Professional Activities

Contribution to longitudinal studies: 2016-current: ongoing contributions to the future development of ESRC-funded birth cohort studies (eg, project board member for the 1958 birth cohort study). 2009-2014: various contributions to the MRC-funded 1946 birth cohort study.

Contribution to research careers: 2016-2018: Early Career Network Committee Chair for cross-Faculty Populations & Lifelong Health Domain (UCL).

Peer-reviewer for: BMJ, Lancet, PLOS Medicine, Social Science & Medicine, International Journal of Epidemiology, The Journals of Gerontology, American Journal of Preventive Medicine, American Journal of Public Health, Journal of Epidemiology and Community Health, BMC Public Health, International Journal of Obesity, Obesity, Advances in Life Course Research, American Journal of Human Biology, Age and Ageing, PLOS One.

MRC Centenary Early Career Award, 2012.

The Emerging Scholar and Professional Organization Interdisciplinary Paper Award at the Gerontological Society of America, Boston, USA, 2011.

Grants

- MRC New Investigator Award (PI). “How do ‘effects’ differ across time? Understanding health inequalities by triangulating across multiple data sources and empirical strategies” 2020-2023: £667k.
- ESRC / UKRI. “Understanding the economic, social and health impacts of COVID-19 using lifetime data: evidence from 5 nationally representative UK cohorts” (co-I, PI Alissa Goodman) 2020-2022: £1.1m
- The Academy of Medical Sciences Springboard - Health of the Public 2040 award (PI) 2017-2020: £50k
- ESRC & MRC (CLOSER) “Socioeconomic differentials in physical activity by age and cohort: enhancing the CLOSER cohort resource to inform research, policy and practice” (co-PI with Rachel Cooper) 2018-2019: £75k
- MRC “Biomedical follow-up of 1958 Birth Cohort Study members at age 60” (co-I, PI Alissa Goodman) 2017-2022: £1.5M
- Health Foundation “The economic and social value of health from childhood to later life” (co-I, PI Alice Sullivan) 2018-2020: £350,000
- ESRC & MRC (CLOSER) “Prospective associations between childhood environment and adult mental wellbeing: evidence from the CLOSER network” (co-I, PI Mai Stafford) 2015-2018: £196k

Conference Presentations

Various oral conference presentations including at Longitudinal and Life Course Studies (2015, 2016, 2017), Social Science & Medicine (2011, 2012, 2014, 2015), The Gerontological Society of America (2011, 2013), CLOSER conferences (2015, 2017), International Conference on Sarcopenia Research (2012).

Invited Talks

Keynote at the Active Living Research Conference, Florida (USA), February 2017 “Research on active living across the lifespan: evidence from birth cohort studies”

CLOSER Longitudinal Methodology Series, November 2016 “Using longitudinal studies to examine changes in health inequality: cross-cohort differences in body mass index inequality”

ESRC-MSD Longitudinal Studies Workshop in Brasilia (Brazil), March 2016 “The Centre for Longitudinal Studies—Cohorts, Science, and Collaboration”

Pan American Health Organization / World Health Organisation: Workshop on Social Epidemiology, Guatemala, 2015: “A life course approach to Health and Social Epidemiology”

MRC Epidemiology Unit, Cambridge University, July 2014 “Endocrine senescence and body composition: findings from the 1946 birth cohort”

Teaching

2nd October 2017-current: Module Leader ‘Health, Wellbeing & Society’. Involves the design and delivery (lectures and seminars) of a 10-week 2nd year Epidemiology-focused BSc module.

2015-2019: Co-Lead of the Centre for Longitudinal Studies’ Training and Workshop series.

Selected Knowledge Exchange

Public engagement: commissioned 2 digital applications (2017: mobile application focused on adolescent wellbeing; 2016: computer game focused on societal inequality). Authored lay summaries, conducted media interviews etc.

Selected Recent Publications

Bann D, Aksoy O [joint 1st], Fluharty M, Nandi A. Religiosity and mental wellbeing among members of majority and minority religions: findings from Understanding Society. *American Journal of Epidemiology*, 2021.

Bann D, Fluharty M, Hardy R, Scholes S. Socioeconomic inequalities in blood pressure: co-ordinated analysis of 147,775 participants from repeated birth cohort and cross-sectional datasets, 1989 to 2016. *BMC medicine*, 2021.

Campbell O, Patalay P, **Bann D** [joint last]. The gender gap in adolescent mental health: a cross-national investigation of 566,827 adolescents across 73 countries. *SSM Population Health*, 2021.

Bann D, Fitzsimons E, Johnson W. Determinants of the population health distribution: an illustration examining body mass index. *International Journal of Epidemiology*, 2020.

Batty GD, Deary I, Hamer M, Ritchie S, **Bann D**. Childhood coordination and survival up to six decades later. *JAMA Network Open*, 2020.

McCloud T, **Bann D**. Financial stress and mental health among higher education students in the UK up to 2018: rapid review of evidence. *Journal of Epidemiology & Community Health*, 2019.

Bann D, Scholes S et al. Physical activity in adolescence: cross-national comparisons of levels, distributions and disparities across 52 countries. *International Journal of Behavioral Nutrition and Physical Activity*. 2019.

Bann D, Johnson W et al. Socioeconomic inequalities in childhood and adolescent body-mass index, weight, and height from 1953 to 2015: an analysis of four longitudinal, observational, British birth cohort studies. *The Lancet Public Health*. 2018.

Bann D, Scholes S [joint]. Education-related disparities in reported physical activity during leisure-time, active transportation, and work among US adults. *BMC Public Health*, 2018.

Johnson W, **Bann D**, Hardy R. Infant weight gain and adolescent body mass index: comparison across two British cohorts born in 1946 and 2001. *Archives of disease in childhood*, 2018.

Bann D, Johnson W et al. Socioeconomic inequalities in body mass index across adulthood: coordinated analyses of individual participant data from three British birth cohort studies. *PLOS Medicine*. 2017.

Elhakeem A, Hardy R, **Bann D** et al. Intergenerational social mobility and leisure-time physical activity in adulthood: a systematic review. *Journal of epidemiology and community health*. 2017.

Wood N, **Bann D**, Hardy R et al. Childhood socioeconomic position and adult mental wellbeing: Evidence from four British birth cohort studies. *PLOS one*, 2017.

Bann D, Hamer M et al. Does an elite education benefit health? Findings from the 1970 birth cohort study. *International Journal of Epidemiology*, 2016.

Bann D, Chen H et al. Socioeconomic differences in the benefits of structured physical activity compared with health education on the prevention of major mobility disability in older adults. *JECH*. 2016.

Bann D, Hardy R et al. Socioeconomic conditions across life related to multiple measures of the endocrine system in older adults: longitudinal findings from a British birth cohort study. *Social Science & Medicine*. 2015.

Sullivan A, Brown M, **Bann D**. Generation X enters middle age. *Longitudinal and Life Course Studies*, 2015.

Cooper R, **Bann D** et al. “Skeletal muscle function deficit” in a nationally representative British birth cohort in early old age. *Journal of Gerontology Medical Sciences*. 2015.

Bann D, Kuh D et al. Physical activity across adulthood in relation to fat and lean mass in early old age: findings from the MRC National Survey of Health and Development, 1946-2010. *American Journal of Epidemiology*, 2014.

Bann D, Wills AK et al. Birth weight and growth from infancy to adolescence in relation to fat and lean mass in early old age: findings from the MRC national Survey of Health and Development. *International Journal of Obesity*, 2014.