

TARANI CHANDOLA chandola@hku.hk

Qualifications BA (Delhi) MA (JNU) MPhil DPhil (Oxford)

Present position Director of Methods Hub, Faculty of Social Sciences University of Hong Kong

ORCID ID <https://orcid.org/0000-0002-1864-3413>

Tarani Chandola is a Professor of Medical Sociology at the University of Hong Kong. His research is primarily on the social determinants of health, focusing on health inequalities and psychosocial factors, and the analysis of longitudinal cohort studies. Much of his research is on the social determinants of health with a focus on stress at work, and its psychophysiological effects on health. He is a research leader on the topic of work and health, with two of his papers in the top 10 most cited studies on the topic of work stress. He has an h-index of 63 (Google Scholar, June 2022) and 49 (Scopus, June 2022). His research expertise spans different disciplines- population and public health, epidemiology, social statistics and sociology- and different methodological approaches. He has raised over UK£33 million in research funding over his career, either as a principal applicant or as a co-applicant from a wide variety of funding sources including the Economic and Social Research Council, the Medical Research Council, the Biological and Basic Sciences Research Council, the Nuffield Foundation, and the National Institute for Health Research. Tarani has supervised 15 PhD students to completion, all of whom have finished within four years.

Tarani was the head of the Department of Social Statistics (2012-2014 and 2020-21) at the University of Manchester and the director of the Cathie Marsh Institute for Social Research (2014-2016). He is a co-director of the Economic and Social Research Council funded International Centre for Lifecourse Studies in Society and Health (ICLS: www.ucl.ac.uk/icls) and was formerly a co-director of the SOC-B: the Social-Biological Centre for Biosocial Research, funded by the Economic and Social Research Council and the Biotechnology and Biological Sciences Research Council.

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Education

Oct 1994–Nov 1998	<i>DPhil</i> (Sociology), Nuffield College, University of Oxford.
Oct 1992-Sep 1994	<i>MPhil</i> (Sociology), Jesus College, University of Oxford.
Aug 1990-Aug 1992	<i>MA</i> 1 st (Sociology), Jawaharlal Nehru University, New Delhi.
July 1987-July 1990	<i>BA</i> 2:1 (History), St. Stephens College, Delhi University.

Awards & Recognition

2019	Distinguished Adjunct Professor, Lingnan University
2019	Fellow, Academy of Social Sciences
2016-2017	Visiting Professor, University of Helsinki
2015-2016	Visiting Professor, Public Health Foundation of India
2015-2018	Honorary Research Fellow, University of Liverpool
2010 onwards	Honorary Professor, University College London
1998-2001	Prize Research Fellowship, Nuffield College.
1992-1995	Felix Scholarship, University of Oxford

Previous Positions

Apr 2010- July 2021	Professor of Medical Sociology, School of Social Sciences, University of Manchester
Feb 2001-Apr 2010	Senior Research Fellow-Senior Lecturer, Department of Epidemiology and Public Health, University College London.
Oct 1998- Jan 2001	Postdoctoral Research Fellow, Nuffield College, Oxford. April 1996-Sep 1998 Research Assistant, Department of Social Policy and Social Work, University of Oxford.

Membership of academic and professional bodies

2019 onwards	<i>Academy of Social Sciences</i>
2017 onwards	<i>British Sociological Association</i>
2010 onwards	<i>Royal Statistical Society</i>
2004 onwards	<i>Society for Social Medicine</i>

Leadership/Managerial Roles (external)

2017-21	Co-director, <i>SOC-B</i> (Social-Biological) Centre for Doctoral Training https://www.ucl.ac.uk/drupal/site_soc-b-biosocial-doctoral-training/soc-b-centre-doctoral-training-biosocial-research
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2015-2019	Co-director, Research Directorate, the National Centre for Research Methods (NCRM), www.ncrm.ac.uk
2014 onwards	Co-director, International Centre for Lifecourse Studies in Society & Health (ICLS), www.ucl.ac.uk/icls

Scientific and Advisory Committees (external)

2022 onwards	Member of Scientific Advisory Board Gender and Health Inequalities GENDHI, France
2021-22	Member of Sociology Unit of Assessment, UK Research Excellence Framework
2021-22	Member of advisory group: DigiWork-consortium “Utilizing digital data to improve working conditions in health care”, Finland
2022	Member of Task and Finish group: Understanding Society biomarker data collection at wave 16
2021-22	Member of expert advisory subgroup on work and health: ReWage (the UK national expert advisory group on renewing work and employment post Covid and in the context of Brexit)
2021	Member of Expert Review Panel for ESRC Early Life Cohort Feasibility Study.
2020	Member of the Expert Advisory Group: the International Comparators Joint Unit (ICJU) for assessing responses to the Covid-19, UK Cabinet Office and Foreign and Commonwealth Office
2020	Member of thematic Advisory group for <i>Ageing and Demography</i> , Economic & Social Research Council (ESRC)
2019	Member of the advisory group, <i>UKRI-China Healthy Ageing Flagship challenge, UKRI</i>
2019	Member of the Strategic Advisory Network, <i>Economic and Social Research Council</i>
2018	Member of international advisory group for <i>National Australia Bank Future Workforce study</i>
2018-2020	Member of academic panel steering group on ‘Developing Undergraduate curriculum resources on health and work’, <i>Public Health England</i>
2017-2020	Advisory board member the Joint “Work and Health Unit” between the Department for Work and Pensions (DWP) and the Department of Health and Social Care (DHSC), programme on “work as a health outcome”.
2016-2020	Member of the advisory board, <i>Public Health England</i> , Health and Work theme
2016-17	Chair of the local organisation committee, <i>Society for Social Medicine</i> annual conference Manchester 2017
2015-2019	Chair of the Scientific Advisory Board Committee for the ESRC Research Centre on Micro-social Change (MISOC) at ISER, University of Essex
2010-2014	Meetings secretary: the Social Statistics Committee, Royal Statistical Society.
2007-2010	Meetings secretary: International Institute for Society & Health, UCL

Scientific and Advisory Committees (internal)

2019-2021	Methods NorthWest advisory board
2018	School of Social Science, Staff stress survey
2013-2014	Steering group member, “Behaviours group”, University of Manchester

2013-2016	Steering group member, artsmethods@manchester, University of Manchester
2012-2015	Steering group member, University of Manchester Staff Survey
2011 onwards	Management board member, Manchester Institute for Collaborative Research on Ageing, University of Manchester

Service and Leadership (internal)

2020-2021	Head of Department: Social Statistics, School of Social Sciences, UoM
2020	Faculty of Humanities promotions committee, UoM
2018-2021	Lead: Impact case studies for RRE 2018 Sociology UoA and Social Statistics contributions to UoA23 outputs and environment statement
2018-2020	Postgraduate research director: Department of Social Statistics, University of Manchester
2018-2020	Research director: Department of Social Statistics, University of Manchester
2016-2020	Co-director, Health and Work Network, University of Manchester, manchester.ac.uk/hawwn/
2014-2016	Director of Cathie Marsh Institute for Social Research, University of Manchester
2012-2014	Head of Department of Social Statistics, University of Manchester
2010-2014	Co-director, methods@manchester, University of Manchester

Grant peer review Evaluation panel chair/member

2021	Panel member: Institut National du Cancer (INCA): "Research in Social and Human Sciences, Epidemiology and Public Health"
2020	Chair: <i>UKRI COVID-19 and ethnicity research</i> , Economic & Social Research Council (ESRC)
2020	Member of Review Panel: <i>UKRI-ESRC COVID-19 rapid review</i> , Economic & Social Research Council (ESRC)
2020	Member of Core Panel College: <i>Future Leaders Fellowships</i> , UK Research & Innovation (UKRI)
2019	Panel member: Research Council of Norway, Public Health stream
2015-2019	Panel member: Academy of Finland, Health Research Council (2015-16, 2018-19) and the Strategic Research Council (2016)
2014-2018	Chair: National Centre for Research Methods International Visitor Exchange Scheme
2017	Panel member: RAND Europe. Identifying and reviewing employer-led actions on employee health and wellbeing.
2014-2017	Panel member: Institut National du Cancer (INCA): "Research in Social and Human Sciences, Epidemiology and Public Health"
2016	Vice-chair: Joint Programming Initiative (JPI) More Years, Better Lives
2014-15	Panel member: ESRC Advanced Quantitative Methods (AQM) Assurance Checking process
2010	Panel member: ESRC/MRC, Interdisciplinary Fellowship and Studentship competition 2010

Grant peer review Peer reviewer

2018	L'Agence nationale de la recherche: "Public Health" Committee
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2015-2018 Medical Research Council (MRC)
2016 Economic and Social Research Council (ESRC)
2016 Nuffield Foundation

Journal editor and boards

2022 onwards Sociology of Health & Illness: international advisory board member
2018-2021 *Sociology* (editor, editor-in-chief from July 2019 onwards)
2002-2008 *Ethnicity & Health* (associate editor)

Ad hoc reviewer

BMC Public Health, British Medical Journal, BMJ Open, Ethnicity & Health, Journal of Epidemiology and Community Health, Journal of Health & Social Behavior, Health & Place, International Journal of Epidemiology, International Journal of Obesity, Journal of the Royal Statistical Society Series A, London Review of Education, Occupation and Environmental Medicine, Plos One, Social Psychiatry and Psychiatric Epidemiology, Social Science and Medicine, Sociology of Health & Illness, Psychoneuroendocrinology

Academic conference organisation

2017 Society for Social Medicine, Manchester (chair of local organisation committee)
2016 Royal Statistical Society, Manchester (member of local organisation committee)
2014 Radical Statistics, Manchester (chair of local organisation committee)
2014 onwards UCL-Manchester-Orebro-Helsinki PhD student exchange (co-chair)

Conference abstract reviewer

Society for Social Medicine annual meeting Manchester 2017, Farr Institute conference Edinburgh 2015

Academic promotions expert reviewer

Australian National University, King's College London, University College London, University of Melbourne, University of Southampton, Cardiff University

Professorial appointments panel (external)

2019 Department of Methodology, London School of Economics

Plenary/keynote talks at conferences (*=expenses paid)

2022* Developments in biosocial research *ANU- Bio-Social symposium*, Melbourne
2019* Measurement in cross-national comparative research. *UK-Japan SWAN methods symposium*, Tokyo
2019* Flexible work, stress and wellbeing. *Understanding Society Conference*, London
2018* What can the use of biomarkers in survey data tell us about the social sciences? *ANU-NCRM Social-Biological Methods Festival*, Sydney
2018* Work, Health and Inequality: *Colt Foundation Keynote Lecture*. Workplace Health, Leamington Spa

- 2015* What Does Research Tell About Wellbeing in the Workplace? *Psychological Professions Network*, Bolton
- 2011* Work and stress in post-recession Britain: *Lane Lecture*, Manchester.
- 2011* Work and stress in post-recession Britain. *UK National Work-Stress Network*, Birmingham
- 2010* Work and stress. *British Academy*, London
- 2010* Work stress, Socio-Economic Position and Ageing in the Whitehall II study, *British Society for Research on Ageing*, Manchester
- 2009* Does stress explain the socioeconomic gradient in coronary heart disease? *Europrevent*, Stockholm

Invited talks

(*=expenses paid)

- 2022 Social contact and mental health during the coronavirus pandemic in the UK. CUHK Sociology department webinar, Hong Kong.
- 2022 Social contact and mental health during the coronavirus pandemic in the UK. Summer Institute in Computational Social Science, Hong Kong.
- 2022 Is any job better than no job? Understanding Society biomarker data showcase event, University of Essex
- 2022 Biological Consequences of Toxic Social Relationships for Men and Women Across the Lifecourse, Sociology Department, National University of Singapore
- 2019* Work, health and wellbeing. Sociology department, Lingnan University, Hong Kong.
- 2019 Work, health and wellbeing. *Society of Occupational Medicine*. Webinar.
- 2019* Work, health and wellbeing: some biosocial perspectives. *Nuffield College* Sociology seminar, Oxford.
- 2018 What are the wider social determinants of refugee health and well-being? Some methodological considerations in a longitudinal survey of refugees in the UK. *National Centre for Research Methods* workshop, Manchester
- 2018 The role of workplace accommodations in explaining the disability employment gap. *Lane Lecture and Symposium*, Manchester
- 2018 Cross-study research: Opportunities, challenges and examples. *Cohort and Longitudinal Studies Enhancement* workshop, Manchester
- 2018* Biosocial research: some challenges from a sociological perspective. *UCL Research Department of Epidemiology and Public Health*, London
- 2018 Work, health and stress: some observations. *Work and Equalities Institute*, Manchester
- 2018* The future of work and health research. *Cumberland Lodge*, Windsor.
- 2018* What are the wider social determinants of refugee health and well-being- some methodological considerations. *Refugee Symposium*, Brisbane.
- 2017 Work and Socio-economic differences in biomarkers of stress. *Australia National University*, Canberra
- 2016* Evidence into Action. *Public Health England annual conference*, Warwick
- 2016* No stress at the top? Retirement and socio-economic differences in biomarkers of stress. *Department of Sociology*, Oxford

- 2016* Is retirement associated with a reduction in adverse diurnal cortisol profiles? Longitudinal evidence from the Whitehall II cohort study of civil servants. *UCL-Turin workshop*, London
- 2015* Stress at work- who gets it and what are the consequences? *UCL/French Embassy workshop*, London.
- 2015* Social inequalities, work stressors and diurnal cortisol profiles in later life. *ISER*, Colchester.
- 2015* Any job is better than no job? Some evidence of employment transitions and bio-markers of health. *ISER*, Colchester.
- 2015 The health effects of working past retirement age. Ageing Well in Work: Opportunities and Challenges - An International Perspective, *Greater Manchester Public Health*, Manchester
- 2015* Some methodological issues related to using Randomised Control Trial study designs in the workplace. *Work Stress Network*, Birmingham
- 2014* Increasing work stress among older workers is linked to incident coronary heart disease and diurnal cortisol profiles. *Conference on socioeconomic determinants of health*, Edinburgh.
- 2014 The scope of Adult and Further Education for reducing health inequalities. *Minding the gap health inequalities conference*, Leeds.
- 2014* Who wants to work forever? *UCL Lunch Hour Lecture*, London
- 2013 Spatial segregation and socioeconomic inequalities in health in Brazilian cities: combining spatial and social epidemiology. *Radical Statistics*, York.
- 2013 The scope of Adult and Further Education for reducing health inequalities. *FUSE public health*, Durham.
- 2013* Innovative approaches to methodological challenges facing ageing cohort studies. *Wales Institute of Social & Economic Research*, Cardiff.
- 2012* Biomarker indicators of workplace stress. *National Institute of Economic and Social Research*, London
- 2012 Measuring Education over the lifecourse. *Morgan Centre*, Manchester
- 2012* Work, Stress and the Social Determinants of Health. *Workplace Health*, Birmingham
- 2012 The health effects of later-life employment. *ICLS quinquennium*. Windsor.
- 2012 Income inequality, socioeconomic segregation and premature mortality in Brazil. *The Manchester Institute for Collaborative Research on Ageing*, Manchester
- 2012* Spatial segregation and socioeconomic inequalities in health in major Brazilian cities. *Department of Public Health*, York
- 2010 The effects of sleep duration and sleep disturbance on ageing. *The Manchester Institute for Collaborative Research on Ageing*, Manchester
- 2010* Urbanisation and spatial inequalities in health in Brazil and India. *Research Methods Festival*, Oxford
- 2009* Do social inequalities in health increase after retirement age? *Nuffield College*, Oxford
- 2009 Do inequalities in health increase at older ages? *Longitudinal and Lifecourse Research*, Turin
- 2008* Work Stress and Health: Current Research and Policy Implications, *Economic and Social Research Institute*, Dublin.

2008* Employment Grade, Work Stress and Mental Health in the Whitehall II study, *Institute of Psychiatry*, London

2007* Stress and metabolic syndrome: evidence from the Whitehall II study. *European Nutrition Conference*, Paris

2006 Work stress and cardiovascular disease, *Barts and the London school of medicine and dentistry*, London

2006* Social and Psychosocial Determinants of Health Inequalities. *Institute for Employment Research*, Warwick

2005* Statistical implications for modeling psychobiological pathways, *Four Centres Initiative*, Zurich

2005* Chronic work stress and the metabolic syndrome, *Four Centres Initiative*, Paris

2004* Reliability and Validity of a Measure of Nonreciprocity of Social Exchange, *Four Centres Initiative*, Dusseldorf

2004* Comparing the effects of work-life balance on health in Finland, UK and Japan, *Research Methods Festival*, Oxford

2004* Social Determinants of Health. Reykjavik.

2002 Revisiting the health selection hypothesis using structural equation models. *Institute of Education*, London

Funded Projects *Principal Applicant (over £1.9m across career)*

2016 **Chandola T.** Health, Wellbeing and Work: Workshop and New research findings. *Public Health England*, £5k.

2014-2015 **Chandola T**, Agius R, Jones R, Sacker A, Bambra C, Sutherland S, Lake A. Interdisciplinary approaches to work, health and well-being research: expanding the field. *Public Health England*, £10k.

2013-2018 **Chandola T**, Brown M, Carter J, Ford R, Edwards G, Uebel T, Obeid M, Medina J, Williams L, Shleef E Manchester Quantitative Methods Centre *Nuffield Foundation, HEFCE, ESRC* £1.4m

2011-2012 **Chandola T**, Bartley M, Elliott J, Lynn P Innovative approaches to methodological challenges facing ageing cohort studies: *ESRC NCRM Networks for Methodological Innovation* £21k

2010-2014 **Chandola T**, Nazroo N, Pendleton N Does later life employment improve health and well-being? *ESRC-MRC Interdisciplinary 1+3 PhD studentship*. £77k

2010-2011 **Chandola T**, Bassanesi S, Mikkileni S, Bandyopadhyay S. Urbanisation and Spatial and Social Inequalities in Health. *ESRC RES-238-25-0015* £100k

2010-2010 **Chandola T.** Work and Stress. *British Academy* £10k

2008-2013 **Chandola T**, Blane D, Morris JN, Plewis I. Causal pathways between education and health and social participation. *ESRC. RES-596-28-0001* £245k. Component of scientific program of ESRC Research Centre International Centre for Life Course Studies in Society and Health.

2003-2004 **Chandola T**, Clarke P, Morris JN, Blane, D, *ESRC. RES-000-22-0290* £40k. Pathways between education and health: a causal modelling approach

Funded projects	Co-Applicant (over £30m across career)
2022-2024	Heaphy B, Chandola T , Iglesias J-G. Covid intimacies: Resilience and viral safety among LGBT and heterosexual people using dating apps in the COVID-19 era. Economic and Social Research Council. £505k
2019-24	Meier PS, Purshouse R, Cox J, Bamba C, Fell G, Ishaq A, Lupton R, Chandola T , Smith K, Stewart E, Birkin M, Heppenstall A, Lomax N, Brennan A, Paisley S, Kadirkamanathan V, Watkins W, Brazier J, Tsuchiya A, Strong M, Holmes J, Goyder E, Such E, Bryan M, Bentall R. Systems Science in Public Health and Health Economics Research (SIPHER)-UK Prevention Research Partnership (UKPRP). : £4,980k.
2020-21	Hatch S, Chandola T , Rafferty AM, Stevelink S, Morris R, Khunti K, Mir G, Nielsen JJ, Marlow S, Valmaggia L, Woodhead C, Onwumere J, Gunasinghe C, Rhead R. The psychosocial impact of the COVID-19 pandemic on NHS-affiliated staff – monitoring response to the pandemic and the evaluation of local and national staff support programmes. UKRI-ESRC COVID-19 rapid response £505k.
2020-21	Munford L, Sutton M, Chandola T , Kontopantelis E, Grigoroglou C, Santos R, Evanas J, Panagioti M. The health of places and the health and outcomes of individuals in those places. Health Foundation £285k.
2020	Zhang N, Chandola T , Verma A, Williams G, Wei H, Zhou C. Socio-cultural participation and wellbeing of older people in China and UK. MICRA £4k.
2019-2020	van Tongeren M, Peek N, Chandola T , Armitage C. Healthy express couriers: Tackling stress at work in a digital era. MRC £104k.
2019-2024	Morgan C, Rose N, Hatch S, Rose D, Fisher H, Avendano M, Arseneault L, Dowd J, Kienzler H, Manning N, Shiode N, Wilkinson B, Chandola T , May V, Ploubidis G, Das-Munshi J, Marlow S. ESRC Centre for Society and Mental Health. ESRC £7.99m.
2019-2020	Cable N, Chandola, T, Honjo K, Tymoszuk U, Hashimoto H. Understanding the changing picture of social relationships and well-being: A collaborative research network between the UK and Japan (UK-Japan SWAN). ESRC £46.5k
2018-2021	Sacker A, Montgomery S, Chandola T , McMunn A, Bartholomew R, Cable N, Kelly Y. International Centre for Lifecourse Studies in Society and Health: Transition Funding. ESRC. £437k
2018	Money A, van-Tongeren M, Chandola T , Franklin M. Identifying barriers to return to work for older adults in Manchester: a scoping study. MICRA seedcorn funding award. £5k
2017-2021	Sutton M, Bower P, Chandola T , Whittaker W, Sanders C, Wilson P, French D, Cotterill S, Reeves D, Fichera E, Kontopantelis E. Evaluating the NHS Diabetes Prevention Programme (NHS DPP). National Institute for Health Research. £1.9m
2016-2017	Zhang N, Chandola T . The socio-economic dynamics of urbanization in China: Inequalities, child health and development. ESRC Global Challenges Research Fund (GCRF) Postdoctoral Fellowships Scheme. FEC: £120k
2015-2018	Benezeval M, Kumari M, Clarke P, Chandola T , Jones A, Pudney S, Mitchell R. How can biomarkers and genetics improve our understanding of society and health? ESRC £1.5m

2014-2019	Sturgis P, Nind M, Durrant G, Martin D, Sindall K, Edwards R, Kilburn D, Smith P, Luff R, Elliot M, Chandola T , Shlomo N, Crow G, Gayle V, Macinnes J. National Centre for Research Methods- Hub, <i>ESRC</i> £6.25m
2013-2015	Stansfeld S, Bhui K, Chandola T , Clark C, Kerry S, Russell J. GEM Study (Guided E-learning for Managers). <i>National Institute for Health Research</i> , £433.5k
2013-2018	Sacker A, Montgomery S, Kelly Y, Chandola T , Neutevelli G International Centre for Life course Studies in Society and Health: Centre Mid-Term Review Proposal <i>ESRC</i> £3.7m
2012-2014	Olsen W, Brown M, Plewis I, Chandola T , Carter J, Heaphy B Researcher Development and Curriculum Innovation proposal on teaching quantitative methods £100k
2011-2016	Nazroo J, Burns A, Chandola T , Goodacre R, Horan MA, Pendleton N, Tampubolon G, Wu F. Inequalities in later life frailty and wellbeing: an interdisciplinary approach to causality. <i>Medical Research Council</i> £2.2m
2011-2011	Meng QJ, Chandola T , Payton A, Mann D, Horan M. Circadian clocks, aging, genes, sleep timing and cognition: implications for intervention. <i>Manchester Interdisciplinary Collaboration for Research on Ageing</i> £6k
2010-2012	Marmot MG, Kivimaki M, Brunner E, Britton A, Chandola T , Head J, Singh-Manoux A, Ferrie J. Social Inequalities and age-related heterogeneity in chronic disease and functioning: the Whitehall II study. <i>Medical Research Council</i> (G0802093) £2m
2009- 2011	Watt R, Marmot M, Chandola T , Newton T , Kawachi I, Sheiham A, Tsakos T <i>National Institute of Dental and Craniofacial Research</i> US\$275k
2009-2011	Development and Testing of a Social Determinants Model of Oral Health Kivimaki M, Chandola T , Marmot M. <i>BUPA Foundation</i> £225k Socioeconomic adversity, stress and disease: Exploiting observational data to guide interventions
2009-2010	Wolff J, Munoz Darde V, Richmond S, Morris S, Chandola T <i>UCL Crucible</i> £5k Fair Retirement Policies and Lifelong health.
2009	Stephen Morris S, Atkinson S, Birch S, Chandola T , Dixon P, Jit M, Marmot M, Orr S, Raine R, Sutton M, Wildman J, Wolff J. <i>Department of Health</i> £79k Research on the health inequalities elements of the NHS resource allocation weighted capitation formula.
2008-2010	Hammer M, Stamatakis E, Chandola T <i>Medical Research Council</i> £95k Physical activity behaviours and mortality risk amount South Asian communities living in England.
2004-2009	Marmot MG, Brunner E, Britton A, Chandola T , Head J, Guralnik J, Singh-Manoux A. <i>Medical Research Council</i> £4.4m. Social Influences on Health: The Whitehall II Study.

Journal peer reviewed publications (* denotes > 100 citations in Google Scholar)

2022	Cahill S, Hager R, Chandola T . The validity of the residuals approach to measuring resilience to adverse childhood experiences <i>Child and adolescent psychiatry and mental health</i> 16 (1), 1-22 https://doi.org/10.1186/s13034-022-00449-y
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- 2022 **Chandola T**, Rouxel P. Home modifications and disability outcomes: A longitudinal study of older adults living in England. *The Lancet Regional Health-Europe*, <https://doi.org/10.1016/j.lanepe.2022.100397>
- 2022 Sinclair DR, Maharani A, **Chandola T**, Bower P, Hanratty B, Nazroo J., et al. Frailty among older adults and its distribution in England. *The Journal of Frailty & Aging* 11 (2), 163-168 <https://doi.org/10.14283/jfa.2021.55>
- 2022 Cahill S, **Chandola T**, Hager R. Genetic Variants Associated with Resilience in Human and Animal Studies. *Frontiers in Psychiatry* <https://doi.org/10.3389/fpsy.2022.840120>
- 2022 Woodhead D, Stoll N, Harwood H, TIDES Study Team, Alexis O, Hatch SL, “They created a team of almost entirely the people who work and are like them”: A qualitative study of organisational culture and racialised inequalities among healthcare staff. *Sociology of Health & Illness* <https://doi.org/10.1111/1467-9566.13414>
- 2021 **Chandola T**, Rouxel P. The role of workplace accommodations in explaining the disability employment gap in the UK. *Social Science & Medicine*. <https://doi.org/10.1016/j.socscimed.2021.114313>
- 2021 Rouxel P, **Chandola T**, Kumari M, Seeman T, Benzeval M. Biological costs and benefits of social relationships for men and women in adulthood: The role of partner, family and friends. *Sociology of Health & Illness* <https://doi.org/10.1111/1467-9566.13386>
- 2021 Wahrendorf M, **Chandola T**, Goldberg M, Zins M, Hoven H, Siegrist J. Adverse employment histories and allostatic load: associations over the working life. *Journal of Epidemiology & Community Health* <http://dx.doi.org/10.1136/jech-2021-217607>
- 2021 Davies K, Maharani A, **Chandola T**, Todd C, Pendleton N. The longitudinal relationship between loneliness, social isolation, and frailty in older adults in England: a prospective analysis. *The Lancet Healthy Longevity* [https://doi.org/10.1016/S2666-7568\(20\)30038-6](https://doi.org/10.1016/S2666-7568(20)30038-6)
- 2021 Chandola T, Kumari M, Booker CL, Benzeval M. The mental health impact of COVID-19 and lockdown-related stressors among adults in the UK. *Psychological medicine*, 1-10 <https://doi.org/10.1017/S0033291720005048>
- 2020 Atkins R, Turner AJ, **Chandola T**, Sutton M. Going beyond the mean in examining relationships of adolescent non-cognitive skills with health-related quality of life and biomarkers in later-life. *Economics & Human Biology* 39, 100923 <https://doi.org/10.1016/j.ehb.2020.100923>
- 2020 Williams BD, Pendleton N, **Chandola T**. Cognitively stimulating activities and risk of probable dementia or cognitive impairment in the English Longitudinal Study of Ageing. *SSM-population health* 12, 100656 <https://doi.org/10.1016/j.ssmph.2020.100656>
- 2020 Cernat A, Sakshaug JW, **Chandola T**, Nazroo J, Shlomo N. Nurse Effects on Non-response in Survey-Based Biomeasures. *International Journal of Social Research Methodology*, 1-14 <https://doi.org/10.1080/13645579.2020.1832737>
- 2020 Chatzi G, Mason T, **Chandola T**, Whittaker W, Howarth E, Cotterill S, Ravindrarajah R, McManus E, Sutton M, Bower P. Sociodemographic disparities in non-diabetic hyperglycaemia and the transition to type 2

- diabetes: evidence from the English Longitudinal Study of Ageing. *Diabetic Medicine*. <https://doi.org/10.1111/dme.14343>
- 2020 Prattley J, **Chandola T**. The influence of household pension wealth, partner's health and spousal employment status on heterogeneous early retirement transitions among women in England. *Work, Employment & Society* <https://doi.org/10.1177%2F0950017020906358>
- 2019 Halonen JI, **Chandola T**, Hyde M, et al. Psychotropic medication before and after disability retirement by pre-retirement perceived work-related stress. *European Journal of Public Health*. July 2019. doi:10.1093/eurpub/ckz131.
- 2019 Lahelma E, Pietiläinen O, **Chandola T**, Hyde M, Rahkonen O, Lallukka T. Occupational social class trajectories in physical functioning among employed women from midlife to retirement. *BMC Public Health*. 2019;19(1). doi:10.1186/s12889-019-7880-0.
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- 1997 Coleman D, **Chandola T**. "Britain's Place in Europe's Population". In: McRae S, editor. Changing Britain: Population and Household Change in the 1990s'. Oxford: OUP.
- 1996 Smith G, Williamson H, Platt L, **Chandola T**, et al. "Youth in an Age of Uncertainty". In: The Carnegie United Kingdom Trust, editor. The Carnegie Young People Initiative: Years of Decision. Leicester: Youth Work Press.

Published Reports

- 2014 **Chandola T**, Jenkins A "The Scope of Adult and Further Education for Reducing Health Inequalities" In If you could do one thing... Nine local actions to reduce health inequalities. British Academy, London
- 2013 **Chandola T**, O'Shea S Innovative approaches to methodological challenges facing ageing cohort studies. Discussion Paper. NCRM.
- 2010 **Chandola T** Stress at work. British Academy- Policy Centre, London
- 2007 Head J, **Chandola T**. Psychosocial working conditions and social inequalities in health, in Employment Conditions and Health Inequalities. Final Report to the WHO
Commission on Social Determinants of Health (CSDH) ed. Joan Benach, Carles Muntaner, Vilma Santana, WHO.
- 2004 Ferrie J, Bell R, Britton A, Brunner E, **Chandola T**, Harris M, Head J, Marmot M, Mein G, Stafford M. Work, Stress and Health: Findings from the Whitehall II study. International Centre for Health and Society/Department of Epidemiology and Public Health, University College London, UK
- 1999 **Chandola T**, Lloyd M, Wright, G, Wigglesworth R. Rural Deprivation: An Analysis of Indices of Deprivation 2000 for Rural Areas. Department of Social Policy and Social Work, University of Oxford.
- 1998 **Chandola T**. Results from the 1998 Gay Men's Project, OXAIDS survey on gay and bisexual men's sexual behaviour. Oxford: OXAIDS.
- 1997 **Chandola T**. Report on the sexual behaviour of gay men in Oxford. Oxford: OXAIDS.

Book Reviews

- 2001 **Chandola T**. Book review: I Deutscher Making a Difference: the Practice of Sociology. Social Science and Medicine; 52:811.

Acknowledgements

- 2005 Northern Ireland Multiple Deprivation Measures 2005. Social Disadvantage Research Centre Department of Social Policy and Social Work. University of Oxford.
- 2004 English Indices of Deprivation 2004. Social Disadvantage Research Centre. Department of Social Policy and Social Work. University of Oxford.
- 2003 Scottish Indices of Deprivation. Social Disadvantage Research Centre. Department of Social Policy and Social Work. University of Oxford.

Conference papers and presentations

- 2018 Chandola T. Are sociological criticisms of biosocial research valid? BSA Medical Sociology conference, Glasgow.
- 2018 Who's afraid of giving blood: Does accounting for missing blood data in social surveys make a difference? *Research Methods Festival, Bath*
- 2017 Booker C and Chandola T. Flexible work arrangements and allostatic load biomarkers in UKHLS. British Sociological Association annual conference, Manchester
- 2017 What do we learn from international comparative studies in relation to understanding the social determinants of health? *World Congress of Epidemiology, Saitama*
- 2017 Is any job better than no job? Re-employment, job quality, and stress. Cohort and Longitudinal Studies Enhancement Resources conference, London
- 2017 Chatzi, G, T Chandola, A Cernat, and N Shlomo. 2017. 'P51 Life Course Socioeconomic Position Effects on Inflammation in Older Adults: Compensating for Missing Data in the English Longitudinal Study of Ageing'. In . BMJ Publishing Group Ltd.
- 2017 Rouxel, P, T Chandola, and M Benzeval. 'P30 Does the Quality of Social Relationships Buffer the Association of Social Disadvantage with Allostatic Load? An Analysis of Adults from the Uk Household Longitudinal Study'. In . BMJ Publishing Group Ltd.
- 2016 Chandola T. No stress at the top? Retirement and socio-economic differences in biomarkers of stress, Gerontological Society of America, New Orleans.
- 2016 Chandola T. 'P34 Retirement and the Socio-Economic Gradient in Cortisol: Evidence from the Whitehall II Study of Civil Servants'. In . BMJ Publishing Group Ltd.
- 2016 Chandola T. Retirement and the socio-economic gradient in cortisol: Evidence from the Whitehall II study of civil servants. Work, age, health and employment - evidence from longitudinal studies, Wuppertal.
- 2016 Chandola T. 'RETIREMENT AND SOCIO-ECONOMIC DIFFERENCES IN BIOMARKERS OF STRESS'. In GERONTOLOGIST, 56:234–35. OXFORD UNIV PRESS INC JOURNALS DEPT, 2001 EVANS RD, CARY, NC 27513 USA.
- 2015 Zhang, N, L Becares, and T Chandola. 'PP76 Does the Timing of Parental Migration Matter for Child Growth? A Life Course Study on Left-behind Children in Rural China'. In . BMJ Publishing Group Ltd.
- 2015 Falkenberg, Helena, Petra Lindfors, Tarani Chandola, and Jenny Head. 'Do Socioeconomic Status and Gender Matter When Combining Work and Family

- and Could Control at Work and at Home Help?: Results from the Whitehall II Study'. In ProWorkNet Meeting, Sigtuna, Sweden, August 26-27, 2015.
- 2014 Chandola T, Kumari M. Increasing work stress among older workers is linked to incident coronary heart disease and diurnal cortisol profiles. Society for Longitudinal and Lifecourse conference, Lausanne
- 2012 Cable, N, M Bartley, A Sacker, and T Chandola. 'EFFECTS OF TYPES AND SIZE OF SOCIAL TIES ON SOCIALLY PATTERNED DEPRESSIVE SYMPTOMS AMONG OLDER PEOPLE IN ENGLAND'. In INTERNATIONAL JOURNAL OF BEHAVIORAL MEDICINE, 19:S231–32.
- 2012 Sekine, M, T Tatsuse, N Cable, T Chandola, M Marmot, T Lallukka, O Rahkonen, and E Lahelma. 'Socioeconomic and Gender Inequalities in Difficulty Falling Asleep of British, Finnish, and Japanese Civil Servants: Roles of Job Strain, Work Hours and Work-Family Conflicts'. In JOURNAL OF SLEEP RESEARCH, 21:154–55. WILEY-BLACKWELL.
- 2012 Chandola, T. 'OPO3 Spatial Segregation and Socioeconomic Inequalities in Health in Brazilian Cities: Combining Spatial and Social Epidemiology'. In J Epidemiol Community Health, 66:A1–2.
- 2011 Becares, L, J Nazroo, C Albor, T Chandola, and M Stafford. 'O1-1.5 Examining the Differential Association between Self-Rated Health and Area Deprivation among White British and Ethnic Minority People in England'. In Journal of Epidemiology & Community Health, 65:A9–A9.
- 2010 Chandola T, Cable N, Head J, Sacker A. Piecewise growth curve models to describe trajectories of health and well-being before and after retirement. 5th Conference Of Epidemiological Longitudinal Studies in Europe, Paphos.
- 2010 Chandola T, Cable N, Head J, Sacker A. Piecewise growth curve models to describe trajectories of health and well-being before and after retirement. Society for Longitudinal and Lifecourse conference, Cambridge
- 2010 Chandola T, Cable N, Head J, Sacker A. Piecewise growth curve models to describe trajectories of health and well-being before and after retirement. Statistical challenges in lifecourse research, Leeds.
- 2010 Forde, I, T Chandola, MG Marmot, and O Attanasio. 'P63 Mandated Attendance at Parenting Workshops Improves Women's Healthcare Knowledge but May Widen Health Inequities in Low and Middle Income Countries'. In Journal of Epidemiology & Community Health, 64:A58–A58.
- 2010 Cable, Noriko, Tarani Chandola, and Amanda Sacker. 2010. 'LONGITUDINAL EFFECTS OF SOCIAL INTEGRATION ON CO-OCCURRENCE OF DEPRESSION AND CENTRAL OBESITY AMONG MIDDLE AGED ADULTS'. In INT J BEHAV MED, 17:84–84.
- 2010 Pikhartova, Jitka, Anne McMunn, Annie Britton, Tarani Chandola, and Yvonne Kelly. 2010. 'THE ASSOCIATION BETWEEN PAID MATERNAL EMPLOYMENT IN CHILDHOOD AND ADOLESCENT SMOKING IN BHPS STUDY'. In INT J BEHAV MED, 17:15–15.
- 2009 Lahelma, E, T Lallukka, M Laaksonen, P Martikainen, O Rahkonen, T Chandola, J Head, M Marmot, M Sekine, and S Kagamimori. 'Contribution of Psychosocial Factors to Socioeconomic Differences in Health Behaviours in Britain, Finland and Japan'. In PSYCHOLOGY & HEALTH, 24:241–42.

- 2008 Chandola T, Marmot M. Work Stress and Coronary Heart Disease: Explaining the Social Gradient. International Congress of Behavioral Medicine, Tokyo.
- 2008 Chandola T. Work Stress and Cardiovascular Disease: What are the Mechanisms? Krakow
- 2007 Chandola, Tarani. 'Stress and Metabolic Syndrome: Evidence from Epidemiological Data'. In ANNALS OF NUTRITION AND METABOLISM, 51:27–28. KARGER ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND.
- 2006 Chandola T, Brunner E, Marmot M. Evidence of biological intermediate pathways linking stressors from everyday life with cardiovascular disease. International Commission on Occupational Health conference.
- 2006 De Vogli, R, J Ferrie, T Chandola, M Kivimaki, and M Marmot. 'Fairness Is Good For Health: Evidence from the Whitehall II Study'. In . American Psychological Association.
- 2005 Chandola, T, IJ Deary, D Blane, and GD Batty. 'Childhood IQ in Relation to Obesity and Weight Gain in Adult Life'. In . INT PEDIATRIC RESEARCH FOUNDATION, INC.
- 2004 Chandola T. Education and health: Some examples of causal pathway modelling. 3rd Conference Of Epidemiological Longitudinal Studies in Europe, Bristol.
- 2004 Chandola T, Siegrist J, Marmot M. Do changes in effort-reward imbalance at work contribute to an explanation of the social gradient in angina? International Congress of Behavioral Medicine, Mainz.
- 2003 Chandola T, Clarke P, Wiggins D, Bartley M. Chandola Households: the missing level of analysis in multilevel epidemiological studies-the case for multiple membership models. British Household Panel Study conference, Colchester.
- 2003 Chandola T, Clarke P, Blane D, Marmot M. Pathways Between Education and Health: a Causal Modelling Approach. British Sociological Association Medical Sociology conference, York.
- 2003 Chandola T, Wadsworth M, Marmot M. Revisiting the health selection hypothesis using structural equation models. Society for Social Medicine, Edinburgh
- 2002 Chandola T, Kuper H, Singh-Manoux A, Bartley M, Marmot, M. The effect of control at home on coronary heart disease evens in the Whitehall II study: gender differences in psychosocial domestic conditions underlying social inequalities in CHD. International Congress of Behavioral Medicine, Helsinki.
- 2001 Chandola T. The Fear of Crime and Area Differences in Health: Applying Multilevel Models of Social Capital in Explaining Social Inequalities in Health. Society for Social Medicine, Oxford
- 1999 Chandola T. 'Social Class Differences in Morbidity Using the New U.K. National Statistics Socio-Economic Classification: Do Class Differences in Employment Relations Explain Class Differences in Health?' In Annals of the New York Academy of Sciences, 896:313–15. <https://doi.org/10.1111/j.1749-6632.1999.tb08126.x>.

PhD students supervised

2015-2020 Georgia Chatzi, NCRM PhD studentship

2014-2020	Benjamin Williams, ESRC NWDTC studentship (part-time)
2016-2019	Jose Coronado (Manchester), PhD in Social Statistics,
2014-2018	Adrian Byrne (Manchester), PhD in Social Statistics,
2013-2017	Alejandro Sevilas (Manchester), PhD in Social Statistics
2012-2016	Jennifer Prattley (Manchester), PhD in Social Statistics
2012-2015	Elizabeth Garratt Glass (Manchester) PhD in Social Statistics
2012-2015	Nan Zhang (Manchester), PhD in Nursing and Social Statistics
2011-2014	Brian Kelly (Manchester), PhD in Social Statistics
2010-2014	Ghazala Farooq (Manchester), PhD in Social Statistics
2010-2014	William Cook (Manchester), PhD in Social Statistics
2010-2014	Katherine Matthews (Manchester), PhD in Social Statistics
2009-2013	Jitka Pikhartova (UCL), PhD in Epidemiology and Public Health
2008-2012	Ian Forde (UCL), PhD in Epidemiology and Public Health
2007-2010	Alex Heraclides (UCL), PhD in Epidemiology and Public Health

Current PhD students

2019 onwards	Jiyao Sun, CSC PhD studentship
2017 onwards	Rose Atkins, MRC PhD studentship
2017 onwards	Fiona Pashazadeh, SOC-B CDT PhD studentship
2017 onwards	Stephanie Cahill, SOC-B CDT PhD studentship

External examiner for PhD vivas

2022	Aapo Hilamo (LSE), PhD in Social Policy
2019	Julia Åhlin (Stockholm), PhD in Public Health
2018	Lewis Anderson (Oxford), PhD in Sociology
2016	Andrea Oriana Guerrero-Ahumada (UCL), PhD in Epidemiology and Public Health
2016	Billy Gazard (King's), PhD in Psychology
2014	Taina Leinonen (Helsinki), PhD in Social Research
2012	Ida Elisabeth Huitfeldt Madsen (Copenhagen), PhD in Occupational and Environmental Medicine
2010	Delia Boccia (LSHTM), PhD in Epidemiology and Public Health
2008	Laura Diane Howe (LSHTM), PhD in Epidemiology and Public Health
2003	Elisa Díaz Martínez, (Oxford), PhD in Sociology

Internal examiner for PhD vivas

2019	Rihab Dahab (Manchester), PhD in Social Statistics
2018	Yizhang Zhao (Manchester), PhD in Social Statistics
2016	Kayonda Hubert Ngamana (Manchester), PhD in Psychology
2016	Bo Hou (Manchester), PhD in Social Statistics
2016	Alex James Turner (Manchester), PhD in Health Economics
2015	Lindsay Richards (Manchester), PhD in Social Change
2014	Rathi S Ravindrarajah (Manchester), PhD in Epidemiology
2013	Laura Watt (Manchester), PhD in Social Statistics
2011	Pierre Walthery (Manchester), PhD in Social Statistics
2010	Susan Ramsay (Manchester), PhD in Social Statistics
2009	Nina Grant (UCL), PhD in Epidemiology and Public Health

Teaching

Course code and title	UGT 1,2, 3 or PGT	Compulsory or Optional	Credits	Average number of students	Evaluation scores			Response rate (%)		
					2013/14	2015/16	2017/18	2013/14	2015/16	2017/18
SOST70292 Multilevel modelling: Course Leader	PGT	Compulsory	15	35	4.29	4.40	4.22	39%	38.5%	24%

University of Manchester (UoM)

2019-2020	Measuring Inequalities: Unequal Societies: BA in Social Sciences module (UoM)
2011 onwards	Multilevel Modelling: MSc in Social Research Methods & Statistics (UoM)
2016-2017	<i>National Centre for Research Methods</i> Biomarkers in the social sciences: some methodological considerations: 1 day short course (Southampton), 3 day Autumn School (Manchester)
2012-2015	External Examiner, MSc in Health, Population and Society, London School of Economics.

2011-2015	CCSR/CMIST Short courses in Multilevel Modelling and Structural Equation Modelling (UoM)
2011-13	Structural Equation Modelling: MSc in Social Research Methods & Statistics (UoM)
2013-2014	Statistical inference: BA in Social Sciences module (UoM) <i>University College London (UCL)</i>
2004-2010	Course leader: MSc. in Society and Health, Social Epidemiology (UCL)
2008-2010	Course leader: for MSc. Global Health and Development (UCL)
2001-2010	Tutor in Epidemiology and Public Health for MBBS degree
2006-2009	Tutor in Social Epidemiology, LSHTM MSc in Epidemiology/Public Health
2001-2008	Tutor in Medical Sociology Oxford MBBS degree <i>International workshops</i>
2014	Multilevel modelling, University of Helsinki
2011	Social Epidemiology, Public Health Foundation of India
2009-2010	Social Epidemiology Summer School, Instituto Nacional de Salud de México

Online teaching resources (data collected on 31/10/2018)

2017	Biosocial Research Framework https://www.youtube.com/watch?v=KLOlj-GsUsU 128 views
2017	Biosocial Research: Biological Data Quality Issues https://www.youtube.com/watch?v=4psGpIRn7JY 62 views
2017	Missing Data in Biosocial Research https://www.youtube.com/watch?v=AUNf8B1kteU 53 views
2017	Measuring Stress at Work: Combining Biological and Social Science Data http://methods.sagepub.com/video/measuring-stress-at-work-combining-biological-and-social-science-data
2012	What is a Case-Control Study? https://www.youtube.com/watch?v=8RFVoaCPUqI 1,408 views
2011 views	Latent Class Analysis. https://www.youtube.com/watch?v=azlwPJhsljA 5,187
2011	What is Latent Class Analysis? https://www.youtube.com/watch?v=gVCYfWZZJZo 25,420 views

Knowledge Transfer events

2019	Meeting: UK Government Equalities Office: Flexible work and closing the gender wage gap; with Francine Hudson (lead on gender wage gap) and Lauren Probert (Analyst)
2019	Meeting: CEO of CEDR (Centre for Effective Dispute Resolution) and his team to talk about flexible working solutions.
2018	Participant: in Cabinet Office workshop: Addressing the barriers faced by disabled people.
2018	Chair: Areas of Research Interest workshop, <i>Department for Work and Pensions</i> , Manchester
2017	Speaker: Exploring the Potential of Biosocial Research for Social Policy, Department of Social Services, Canberra
2017	Speaker: Investing in Longitudinal Data, Research and Methods, Australia National University and Department of Social Services, Canberra

- 2017 Speaker: Is any job better than no job? Living wage week, Manchester.
- 2017 Speaker: Is any job better than no job? Parliamentary Office for Science and Technology
- 2015 Keynote: Stress at work- who gets it and what are the consequences? Café Scientifique, Manchester
- 2015 Speaker: Work, Family and Health, ICLS Policy seminar, London
- 2011 Speaker: The health effects of later life employment, 5050 NorthWest, Manchester
- 2010 Speaker: Psychosocial Working Conditions in the Whitehall II study. Expert committee on Psychosocial Risks at Work, Paris.
- 2010 Speaker: Education, education, education: A life course perspective. ICLS Policy seminar, London
- 2009 Speaker: Work, Stress and Health, Civil Service Live, London
- 2005 Speaker: Pathways Between Education and Health: a Causal Modelling Approach. Local Authorities Research Council Initiative (LARCI), London