

Jadwiga Buchwald
biostatistikko
Department of Public Health
Genetic Epidemiology
Doctoral Programme in Population Health
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Employment

biostatistikko

Department of Public Health
University of Helsinki
Finland
4 Nov 2024 → present

Genetic Epidemiology

University of Helsinki
Finland
2 Jun 2014 → present

Doctoral Researcher, Doctoral Programme in Population Health

University of Helsinki
Finland
1 Jan 2016 → present

Research output

Genome-wide association meta-analysis of nicotine metabolism and cigarette consumption measures in smokers of European descent

Buchwald, J., Chenoweth, M. J., Palviainen, T., Zhu, G., Benner, C., Gordon, S., Korhonen, T., Ripatti, S., Madden, P. A. F., Lehtimäki, T., Raitakari, O. T., Salomaa, V., Rose, R. J., George, T. P., Lerman, C., Pirinen, M., Martin, N. G., Kaprio, J., Loukola, A. & Tyndale, R. F., Jun 2021, In: *Molecular Psychiatry*. 26, p. 2212–2223 12 p.

Predictive Association of Smoking with Depressive Symptoms: a Longitudinal Study of Adolescent Twins

Ranjit, A., Buchwald, J., Latvala, A., Heikkilä, K., Tuulio-Henriksson, A., Rose, R. J., Kaprio, J. & Korhonen, T., Oct 2019, In: *Prevention Science*. 20, 7, p. 1021-1030 10 p.

The Older Finnish Twin Cohort-45 Years of Follow-up

Kaprio, J., Bollepalli, S., Buchwald, J., Iso-Markku, P., Korhonen, T., Kovanen, V., Kujala, U., Laakkonen, E. K., Latvala, A., Leskinen, T., Lindgren, N., Ollikainen, M., Piirtola, M., Rantanen, T., Rinne, J., Rose, R. J., Sillanpää, E., Silventoinen, K., Sipilä, S. & Viljanen, A. & 2 others, Vuoksimaa, E. & Waller, K., Aug 2019, In: *Twin Research and Human Genetics*. 22, 4, p. 240-254 15 p., 1832427419000549.

Testing the reciprocal association between smoking and depressive symptoms from adolescence to adulthood: A longitudinal twin study

Ranjit, A., Korhonen, T., Buchwald, J., Heikkilä, K., Tuulio-Henriksson, A., Rose, R. J., Kaprio, J. & Latvala, A., 1 Jul 2019, In: *Drug and Alcohol Dependence*. 200, p. 64-70 7 p.

Genome-wide association study in Finnish twins highlights the connection between nicotine addiction and neurotrophin signaling pathway

Hällfors, J., Palviainen, T., Surakka, I., Gupta, R., Buchwald, J., Raevuori, A., Ripatti, S., Korhonen, T., Jousilahti, P., Madden, P. A. F., Kaprio, J. & Loukola, A., May 2019, In: *Addiction Biology*. 24, 3, p. 549-561 13 p.

An epigenome-wide association study meta-analysis of educational attainment

Linner, R. K., Marioni, R. E., Rietveld, C. A., Simpkin, A. J., Davies, N. M., Watanabe, K., Armstrong, N., Auro, K., Baumbach, C., Bonder, M. J., Buchwald, J., Fririto, G., Ismail, K., Iurato, S., Joensuu, A., Karell, P., Kasela, S., Lahti, J., McRae, A. F. & Mandaviya, P. R. & 51 others, Seppälä, I., Wang, Y., Baglietto, L., Binder, E. B., Harris, S., Hodge, A., Horvath, S., Hurme, M., Johannesson, M., Latvala, A., Mather, K. A., Medland, S. E., Metspalu, A., Milani, L., Milne, R. L., Pattie, A., Pedersen, N., Peters, A., Polidoro, S., Räikkönen, K., Severi, G., Starr, J. M., Stolk, L., Waldenberger, M., Eriksson, J. G., Esko, T., Franke, L., Gieger, C., Giles, G., Hagg, S., Jousilahti, P., Kaprio, J., Kähönen, M., Lehtimäki, T., Martin, N. G., van Meurs, J. B., Ollikainen, M., Perola, M., Posthuma, D., Raitakari, O., Sachdev, P. S., Taskesen, E., Uitterlinden, A. G., Vineis, P., Wijmenga, C., Wright, M. J., Relton, C., Davey Smith, G., Deary, I., Koellinger, P. & Benjamin, D. J., 8 Dec 2017, In: *Molecular Psychiatry*. 22, 12, p. 1680-1690 11 p.

Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses

Okbay, A., Baselmans, B. M. L., De Neve, J.-E., Turley, P., Nivard, M. G., Fontana, M. A., Meddens, S. F. W., Linner, R. K., Rietveld, C. A., Derringer, J., Gratten, J., Lee, J. J., Liu, J. Z., de Vlaming, R., Ahluwalia, T. S., Buchwald, J., Cavadino, A., Frazier-Wood, A. C., Furlotte, N. A. & Garfield, V. & 31 others, Geisel, M. H., Gonzalez, J. R., Haitjema, S., Karlsson, R., van der Laan, S. W., Ladwig, K.-H., Lahti, J., van der Lee, S. J., Lind, P. A., Liu, T., Matteson, L., Mihailov, E., Miller, M. B., Minica, C. C., Nolte, I. M., Mook-Kanamori, D., van der Most, P. J., Oldmeadow, C., Qian, Y., Raitakari, O., Rawal, R., Realo, A., Wedenoja, J., Gupta, R., Kajantie, E., Loukola, A., Pulkki-Raback, L., Eriksson, J. G., Kaprio, J., Keltikangas-Jarvinen, L. & LifeLines Cohort Study, Jun 2016, In: *Nature Genetics*. 48, 6, p. 624+ 13 p.

A Genome-Wide Association Study of a Biomarker of Nicotine Metabolism

Loukola, A., Buchwald, J., Gupta, R., Palviainen, T., Hallfors, J., Tikkanen, E., Korhonen, T., Ollikainen, M., Sarin, A.-P., Ripatti, S., Lehtimäki, T., Raitakari, O., Salomaa, V., Rose, R. J., Tyndale, R. F. & Kaprio, J., Sept 2015, In: *PLoS Genetics*. 11, 9, 23 p., 1005498.

Tehokkaampaa järvien tilan arviointia lineaarisilla sekamalleilla

Buchwald, J., Järvinen, M., Silander, J., Raateland, A., Kettunen, J. & Lehtonen, R., 2015, In: *Vesitalous*. 2, 56, p. 25-29 5 p.

Activities

Valtakunnallinen tupakka- ja terveyspäivä

Buchwald, J. (Attendee)
23 Jan 2019

American Society of Human Genetics Meeting 2018

Buchwald, J. (Attendee)
16 Oct 2018 → 20 Oct 2018

American Society of Human Genetics (ASHG) (External organisation)

Buchwald, J. (Member)
2018 → 2019

8th Annual Network Meeting of the Nordic EMBL Partnership for Molecular Medicine: Main Meeting

Buchwald, J. (Member of organizing committee)
6 Sept 2017 → 7 Sept 2017

8th Annual Network Meeting of the Nordic EMBL Partnership for Molecular Medicine: Young Investigator Meeting (YIM)

Buchwald, J. (Chair of organizing committee)
4 Sept 2017 → 5 Sept 2017

31st European Meeting of Statisticians

Buchwald, J. (Member of organizing committee)
24 Jul 2017 → 28 Jul 2017

Finnish Statistical Society (External organisation)

Buchwald, J. (Member)

2017 → ...

VII Valtakunnallinen Tupakka ja terveys -päivä

Buchwald, J. (Speaker: Presenter)

29 Nov 2016

VII Valtakunnallinen Tupakka ja terveys -päivä

Buchwald, J. (Poster Presentation)

29 Nov 2016

7th FIMM Annual Poster Session

Buchwald, J. (Poster Presentation)

15 Nov 2016

SRNT Europe 2016 17th Annual Conference

Buchwald, J. (Speaker: Presenter)

7 Sept 2016 → 10 Sept 2016

FIMM Meets Pharma

Buchwald, J. (Poster Presentation)

22 Aug 2016

XIV Conferment Ceremony of the Department of Social Sciences

Buchwald, J. (Invited speaker)

26 May 2016 → 28 May 2016

Society for Research on Nicotine and Tobacco (SRNT) (External organisation)

Buchwald, J. (Member)

Apr 2016 → Dec 2016

Nordic Summer School in Cancer Epidemiology

Buchwald, J. (Attendee)

17 Aug 2015 → 31 Jan 2016