

Anne Gaml-Sørensen
Postdoc
Department of Public Health - Department of Epidemiology
Type of address: Postal address.
Bartholins Allé 2
8000
Aarhus C
Denmark
Email: ags@ph.au.dk
Mobile: +4540868183



Education

Master in Science in Health Science, Health
1 Sept 2017 → 17 Jun 2019
Award Date: 17 Jun 2019

Employment

Postdoc
Department of Public Health - Department of Epidemiology
Aarhus University
Aarhus C, Denmark
1 Nov 2023 → present

Research outputs

Maternal intake of paracetamol during pregnancy and biomarkers of male fecundity in young adult sons

Laursen, T. Q., Ramlau-Hansen, C. H., Tøttenborg, S. S., Liew, Z., Toft, G., Gaml-Sørensen, A., Hougaard, K. S., Bonde, J. P. E. & Ernst, A., Aug 2024, In: Reproductive toxicology (Elmsford, N.Y.). 127, 8 p., 108626.

Maternal stress in pregnancy and pubertal timing in girls and boys: A cohort study

Gaml-Sørensen, A., Brix, N., Henriksen, T. B. & Ramlau-Hansen, C. H., 5 Jun 2024, (E-pub ahead of print) In: Fertility and Sterility.

Birth by caesarean section and semen quality in adulthood: a Danish population-based cohort study

Huang, K., Gaml-Sørensen, A., Brix, N., Ernst, A., Arendt, L. H., Bonde, J. P. E., Hougaard, K. S., Toft, G., Tøttenborg, S. S. & Ramlau-Hansen, C. H., 8 Mar 2024, In: Reproductive Health. 21, 1, 9 p., 33.

Maternal pre-pregnancy BMI and reproductive health in adult sons: a study in the Danish National Birth Cohort

Gaml-Sørensen, A., Thomsen, A. H., Tøttenborg, S. S., Brix, N., Hougaard, K. S., Toft, G., Häberg, S. E., Myrskylä, M., Bonde, J. P. & Ramlau-Hansen, C. H., Jan 2024, In: Human Reproduction. 39, 1, p. 219-231 13 p.

Sleep duration and biomarkers of fecundity in young men: a cross-sectional study from a population-based cohort

Gaml-Sørensen, A., Frølich, M. K., Brix, N., Ernst, A., Bonde, J. P. E., Hougaard, K. S., Tøttenborg, S. S., Clemmensen, P. J., Toft, G. & Ramlau-Hansen, C. H., 20 Nov 2023, (E-pub ahead of print) In: Andrology. 12 p., 13560.

The estimated effect of season and vitamin D in the first trimester on pubertal timing in girls and boys: a cohort study and an instrumental variable analysis

Gaml-Sørensen, A., Brix, N., Ernst, A., Lunddorf, L. L. H., Lindh, C., Toft, G., Henriksen, T. B., Arah, O. A. & Ramlau-Hansen, C. H., Oct 2023, In: International Journal of Epidemiology. 52, 5, p. 1328-1340 13 p.

Timing of puberty in relation to semen characteristics, testicular volume, and reproductive hormones: a cohort study

Brix, N., Gaml-Sørensen, A., Ernst, A., Arendt, L. H., Harrits Lunddorf, L. L., Toft, G., Tøttenborg, S. S., Haervig, K. K., Hoyer, B. B., Hougaard, K. S., Bonde, J. P. E. & Ramlau-Hansen, C. H., Oct 2023, In: Fertility and Sterility. 120, 4, p. 823-833 11 p.

Parental age at birth and biomarkers of fecundity in young Danish men

Ernst, A., Brix, N., Gaml-Sørensen, A., Arendt, L. H., Toft, G., Tøttenborg, S. S., Hougaard, K. S., Bonde, J. P. E. & Ramlau-Hansen, C. H., 26 Sept 2023, (E-pub ahead of print) In: *Andrology*. 12 p., 13536.

Maternal intake of folate and folic acid during pregnancy and pubertal timing in girls and boys: A population-based cohort study

Gaml-Sørensen, A., Brix, N., Lunddorf, L. L. H., Ernst, A., Høyer, B. B., Olsen, S. F., Granström, C., Toft, G., Henriksen, T. B. & Ramlau-Hansen, C. H., Sept 2023, In: *Paediatric and Perinatal Epidemiology*. 37, 7, p. 618-629 12 p.

Maternal Intake of Vitamin D Supplements during Pregnancy and Pubertal Timing in Children: A Population-Based Follow-Up Study

Gaml-Sørensen, A., Brix, N., Lunddorf, L. L. H., Ernst, A., Høyer, B. B., Toft, G., Henriksen, T. B. & Ramlau-Hansen, C. H., Sept 2023, In: *Nutrients*. 15, 18, 14 p., 4039.

Maternal alcohol intake in early pregnancy and biomarkers of fecundity in adult sons: a cohort study

Thomsen, A. H., Gaml-Sørensen, A., Brix, N., Tøttenborg, S. S., Hougaard, K. S., Ernst, A., Arendt, L. H., Toft, G., Bonde, J. P. & Ramlau-Hansen, C. H., Aug 2023, In: *Reproductive Toxicology*. 119, 8 p., 108396.

D-vitamin i graviditeten og mandlig forplantningsevne hos voksne sønner

Gaml-Sørensen, A., Brix, N., Søgaard Tøttenborg, S., Henriksen, T. B., Toft, G. & Ramlau-Hansen, C., May 2023, In: *Miljø og sundhed*. 29, 1, p. 3-8 6 p.

Maternal vitamin D levels and male reproductive health: a population-based follow-up study

Gaml-Sørensen, A., Brix, N., Hærvig, K. K., Lindh, C., Tøttenborg, S. S., Hougaard, K. S., Høyer, B. B., Ernst, A., Arendt, L. H., Clemmensen, P. J., Bonde, J. P. E., Henriksen, T. B., Toft, G., Arah, O. A. & Ramlau-Hansen, C. H., May 2023, In: *European Journal of Epidemiology*. 38, 5, p. 469-484 16 p.

Maternal intake of folate and folic acid during pregnancy and markers of male fecundity: A population-based cohort study

Gaml-Sørensen, A., Brix, N., Høyer, B. B., Tøttenborg, S. S., Hougaard, K. S., Bonde, J. P. E., Clemmensen, P. J., Ernst, A., Arendt, L. H., Olsen, S. F., Granström, C., Henriksen, T. B., Toft, G. & Ramlau-Hansen, C. H., Mar 2023, In: *Andrology*. 11, 3, p. 537-550 14 p.

Selection bias in a male-offspring cohort investigating fecundity: is there reason for concern?

Gaml-Sørensen, A., Brix, N., Tøttenborg, S. S., Hougaard, K. S., Hærvig, K. K., Bonde, J. P. E., Henriksen, T. B., Toft, G. & Ramlau-Hansen, C. H., Feb 2023, In: *Human reproduction (Oxford, England)*. 38, 2, p. 293-305 13 p.

Maternal age at menarche and reproductive health in young adult men: a cohort study

Langergaard, M. J., Ernst, A., Brix, N., Gaml-Sørensen, A., Tøttenborg, S. S., Bonde, J. P. E., Toft, G., Hougaard, K. S. & Ramlau-Hansen, C. H., Jan 2023, In: *Human reproduction (Oxford, England)*. 38, 1, p. 125-138 14 p.

Gender incongruence and timing of puberty: a population-based cohort study

Thomsen, A. H., Gaml-Sørensen, A., Brix, N., Ernst, A., Lunddorf, L. L. H., Strandberg-Larsen, K., Højgaard, A. & Ramlau-Hansen, C. H., Nov 2022, In: *Fertility and Sterility*. 118, 5, p. 938-945 8 p.

Nitrate in Maternal Drinking Water during Pregnancy and Measures of Male Fecundity in Adult Sons

Clemmensen, P. J., Brix, N., Schullehner, J., Gaml-Sørensen, A., Toft, G., Tøttenborg, S. S., Ebdrup, N. H., Hougaard, K. S., Hansen, B., Sigsgaard, T., Kolstad, H. A., Bonde, J. P. E. & Ramlau-Hansen, C. H., Nov 2022, In: *International Journal of Environmental Research and Public Health*. 19, 21, 16 p., 14428.

Semen quality and reproductive hormones in sons of subfertile couples: a cohort study

Arendt, L. H., Gaml-Sørensen, A., Ernst, A., Brix, N., Toft, G., Tøttenborg, S. S., Hougaard, K. S., Bonde, J. P. E. & Ramlau-Hansen, C. H., Oct 2022, In: *Fertility and Sterility*. 118, 4, p. 671-678 8 p.

Timing of Pubertal Development in Boys and Girls With Congenital Heart Defects: A Nationwide Cohort Study

Udholm, L. F., Gaml-Sørensen, A., Arendt, L. H., Brix, N., Lunddorf, L. L. H., Ernst, A., Knudsen, U. B., Hjortdal, V. E. & Ramlau-Hansen, C. H., Apr 2022, In: *Journal of the American Heart Association*. 11, 7, 19 p., e023135.

Use of paracetamol (acetaminophen) as a nonprescription analgesic and semen quality in young men: A cross-sectional study

Østergaard, C. S., Ernst, A., Gaml-Sørensen, A., Brix, N., Toft, G., Haervig, K. K., Hougaard, K. S., Bonde, J. P., Tøttenborg, S. S. & Ramlau-Hansen, C. H., Mar 2022, In: *Andrology*. 10, 3, p. 495-504 10 p., 13129.

Caesarean delivery and pubertal timing in boys and girls: A Danish population-based cohort study

Huang, K., Gaml-Sørensen, A., Lunddorf, L. L. H., Ernst, A., Brix, N., Olsen, J. & Ramlau-Hansen, C. H., Jan 2022, In: *Paediatric and Perinatal Epidemiology*. 36, 1, p. 104-112 9 p., 12827.

Consumption of Sugar-Sweetened or Artificially Sweetened Beverages and Semen Quality in Young Men: A Cross-Sectional Study

Meldgaard, M., Brix, N., Gaml-Sørensen, A., Ernst, A., Ramlau-Hansen, C. H., Tøttenborg, S. S., Hougaard, K. S., Bonde, J. P. E. & Toft, G., Jan 2022, In: *International Journal of Environmental Research and Public Health*. 19, 2, 12 p., 682.

Parental Separation and Semen Quality in Young Men: A Population-Based Cohort Study

Gaml-Sørensen, A., Brix, N., Toft, G., Henriksen, T. B., Ernst, A., Arendt, L. H., Tøttenborg, S. S., Hærvig, K. K., Hougaard, K. S., Bonde, J. P. E. & Ramlau-Hansen, C. H., Jan 2022, In: *Clinical Epidemiology*. 14, p. 127-140 14 p.

Father Absence in Pregnancy or During Childhood and Pubertal Development in Girls and Boys: A Population-Based Cohort Study

Gaml-Sørensen, A., Brix, N., Ernst, A., Lunddorf, L. L. H. & Ramlau-Hansen, C. H., Jul 2021, In: *Child Development*. 92, 4, p. 1494-1508 15 p.

Urinary Bisphenol A, F and S Levels and Semen Quality in Young Adult Danish Men

Benson, T. E., Gaml-Sørensen, A., Ernst, A., Brix, N., Hougaard, K. S., Hærvig, K. K., Ellekilde Bonde, J. P., Tøttenborg, S. S., Lindh, C. H., Ramlau-Hansen, C. H. & Toft, G., Feb 2021, In: *International Journal of Environmental Research and Public Health*. 18, 4, p. 1-12 12 p., 1742.

Prenatal Exposure to Antibiotics and Timing of Puberty in Sons and Daughters: A Population-Based Cohort Study

Gaml-Sørensen, A., Brix, N., Ernst, A., Lauridsen, L. L. B., Sand, S. A. & Ramlau-Hansen, C., 2020, In: *European Journal of Obstetrics & Gynecology and Reproductive Biology*. 250, 8 p.

In Utero Exposure to Glucocorticoids and Pubertal Timing in Sons and Daughters

Sand, S. A., Ernst, A., Lunddorf, L. L. H., Brix, N., Gaml-Sørensen, A. & Ramlau-Hansen, C. H., Dec 2019, In: *Scientific Reports*. 9, 1, 20374.

Projects

PhD Project, 2019-2022: Dietary Supplementations in Pregnancy and Reproductive Health in Daughters and Sons

Gaml-Sørensen, A., Brix, N., Toft, G., Henriksen, T. B. & Ramlau-Hansen, C.
01/11/2019 → ...

PhD project, 2023-2026: The Influence of Pubertal Development on Depression, Subjective Well-Being, and Internalising and Externalising Symptoms in Danish Adolescents

Benson, T. E., Ramlau-Hansen, C., Gaml-Sørensen, A., Strandberg-Larsen, K. & Myrskylä, M.
01/04/2023 → 31/03/2026

Awards

Dietary supplementations in pregnancy and reproductive health in girls and boys

Gaml-Sørensen, A.
Christian og Otilia Brorsons Rejselegat: DKK15,000.00
01/01/2022 → 31/03/2022