



Dennis Khodasevich

Postdoctoral Scholar, Epidemiology

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California, Berkeley , Environmental Health Sciences & Designated Emphasis in Computational and Genomic Biology (2024)
- Master of Public Health, Columbia University , Environmental Health Sciences (2020)
- Bachelor of Science, George Washington University , Biology (2017)

STANFORD ADVISORS

- Themistocles Assimes, Postdoctoral Research Mentor
- Andres Cardenas, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Sex-Specific Associations between Per- and Polyfluoroalkyl Substance Exposure and Epigenetic Age: Findings from the National Health and Nutrition Examination Survey 1999-2000.** *Environmental research*
Khodasevich, D., Bozack, A. K., Needham, B. L., Rehkopf, D. H., Cardenas, A.
2025: 121827
- **Influence of race, ethnicity, and sex on the performance of epigenetic predictors of phenotypic traits.** *Clinical epigenetics*
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- **Exposome-wide association study of environmental chemical exposures and epigenetic aging in the national health and nutrition examination survey.** *Aging*
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- **Prenatal Phenol and Phthalate Exposure is Associated with Persistent Changes in DNA Methylation in Childhood**
Khodasevich, D., Harley, K. G., Eskenazi, B., Barcellos, L. F., Cardenas, A., Holland, N.
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- **Associations between prenatal phthalate exposure and childhood epigenetic age acceleration.** *Environmental research*
Khodasevich, D., Holland, N., Hubbard, A., Harley, K., Deardorff, J., Eskenazi, B., Cardenas, A.
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- **The environmental chemical exposome and health insurance: Examining associations and effect modification of epigenetic aging in a representative sample of United States adults.** *Exposome*
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- **Association of Smoking Behavior, Intensity, and Time Since Cessation with Epigenetic Aging Biomarkers: Results from NHANES 1999-2002.** *medRxiv : the preprint server for health sciences*
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- **Dietary fatty acids and epigenetic aging in US adults: results from the National Health and Nutrition Examination Survey.** *npj aging*
Bozack, A. K., Khodasevich, D., Nwanaji-Enwerem, J. C., Gladish, N., Shen, H., Daredia, S., Needham, B. L., Rehkopf, D. H., Guasch-Ferre, M., Cardenas, A. 2025
- **Blood transcriptomic associations of epigenetic age in adolescents.** *Epigenetics*
Khodasevich, D., Bozack, A. K., Daredia, S., Deardorff, J., Harley, K. G., Eskenazi, B., Guo, W., Holland, N., Cardenas, A. 2025; 20 (1): 2503824
- **DNA methylation-predicted protein differences between Yakutian and Central Russian populations.** *Epigenomics*
Nwanaji-Enwerem, J. C., Khodasevich, D., Cardenas, A. 2025: 1-8
- **Cumulative Epigenetic Aging From Birth to Young Adulthood and Prospective Associations With Cardiometabolic Health in the CHAMACOS Study.** *Journal of the American Heart Association*
Daredia, S., Riddell, C. A., Khodasevich, D., Bozack, A. K., Harley, K. G., Kogut, K. R., Mora, A. M., Holland, N., Eskenazi, B., Deardorff, J., Cardenas, A. 2025: e043818
- **Associations of epigenetic age acceleration in adults and chronic respiratory diseases**
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- **Dietary Fatty Acids and Epigenetic Aging in US Adults: Results from the National Health and Nutrition Examination Survey.** *medRxiv : the preprint server for health sciences*
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- **Health insurance and epigenetic aging: Trends in a United States adult population.** *SSM - population health*
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- **One-carbon metabolism-related compounds are associated with epigenetic aging biomarkers: Results from the cross-sectional National Health and Nutrition Examination Survey (NHANES) 1999-2002.** *The American journal of clinical nutrition*
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- **Epigenetic Age among U.S. Adults with Chronic Respiratory Diseases: Results from NHANES 1999-2002.** *The European respiratory journal*
Perez-Garcia, J., Khodasevich, D., De Matteis, S., Rice, M. B., Needham, B. L., Rehkopf, D. H., Cardenas, A. 2025
- **Sensory impairments and epigenetic aging: insights from self-rated hearing and vision in United States adults.** *GeroScience*
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- **Associations of epigenetic aging with self-rated health, access to care, and healthcare utilization in a representative sample of United States adults.** *Clinical epigenetics*
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- **An assessment of organophosphate ester mixtures and the placental transcriptome.** *Environment international*
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- **Comparing Veteran and Nonveteran Epigenetic Aging in a Representative Sample of United States Adults.** *Military medicine*
Nwanaji-Enwerem, J. C., Khodasevich, D., Gladish, N., Shen, H., Daredia, S., Needham, B. L., Rehkopf, D. H., Cardenas, A.
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- **Immigrant status and citizenship relationships with epigenetic aging in a representative sample of United States adults.** *Epigenomics*
Nwanaji-Enwerem, J. C., Rodríguez Espinosa, P., Khodasevich, D., Gladish, N., Shen, H., Bozack, A. K., Daredia, S., Needham, B. L., Rehkopf, D. H., Cardenas, A.
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- **Timing of menarche and menopause and epigenetic aging among U.S. adults: results from the National Health and Nutrition Examination Survey 1999-2002.** *Clinical epigenetics*
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- **A SuperLearner-based pipeline for the development of DNA methylation-derived predictors of phenotypic traits.** *PLoS computational biology*
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- **Timing of Menarche and Menopause and Epigenetic Aging among U.S. Adults: Results from the National Health and Nutrition Examination Survey 1999-2002.** *medRxiv : the preprint server for health sciences*
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- **Prenatal exposure to environmental phenols and phthalates and altered patterns of DNA methylation in childhood.** *Environment international*
Khodasevich, D., Holland, N., Harley, K. G., Eskenazi, B., Barcellos, L. F., Cardenas, A.
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- **Maternal age is related to offspring DNA methylation: A meta-analysis of results from the PACE consortium.** *Aging cell*
Yeung, E., Biedrzycki, R. J., Gómez Herrera, L. C., Issarapu, P., Dou, J., Marques, I. F., Mansuri, S. R., Page, C. M., Harbs, J., Khodasevich, D., Poisel, E., Niu, Z., Allard, et al
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- **Characterizing the modern light environment and its influence on circadian rhythms** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
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