



Ixel Hernandez-Castro

Postdoctoral Scholar, Epidemiology

Bio

INSTITUTE AFFILIATIONS

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

HONORS AND AWARDS

- Propel Postdoctoral Scholar, Stanford University School of Medicine (August 2023)
- Gates Millenium Scholar, Bill and Melinda Gates Foundation (May 2014)

STANFORD ADVISORS

- Andres Cardenas, Postdoctoral Faculty Sponsor

LINKS

- Publications: <https://scholar.google.com/citations?user=imXkP8AAAAJ&hl=en>
- LinkedIn: <https://www.linkedin.com/in/ixel-hernandez-castro-phd-8b7b91171/>
- Twitter/X: <https://twitter.com/ixelhern>
- Cardenas Lab: <https://med.stanford.edu/cardenas-lab.html>

Publications

PUBLICATIONS

- **Maternal Urinary Fluoride and Child Neurobehavior at Age 36 Months.** *JAMA network open*
Malin, A. J., Eckel, S. P., Hu, H., Martinez-Mier, E. A., Hernandez-Castro, I., Yang, T., Farzan, S. F., Habre, R., Breton, C. V., Bastain, T. M.
2024; 7 (5): e2411987
- **Associations of Organophosphate Ester Flame Retardant Exposures during Pregnancy with Gestational Duration and Fetal Growth: The Environmental influences on Child Health Outcomes (ECHO) Program** *Environmental Health Perspectives*
Oh, J., Buckley, J. P., Li, X., Gachigi, K. K., Kannan, K., Lyu, W., Ames, J. L., Barrett, E. S., Bastain, T. M., Breton, C. V., Buss, C., Croen, L. A., Dunlop, et al
2024
- **Organophosphate ester flame retardant chemicals and maternal depression during pregnancy** *Environmental Research*
Hernandez-Castro, I., Eckel, S. P., Howe, C. G., Aung, M. T., Kannan, K., Robinson, M., Foley, H. B., Yang, T., Vigil, M. J., Chen, X., Grubbs, B., Al-Marayati, L., Toledo-Corral, et al
2024
- **Prenatal exposures to organophosphate ester metabolites and early motor development in the MADRES cohort** *Environmental Pollution*
Hernandez-Castro, I., Eckel, S. P., Chen, X., Yang, T., Vigil, M. J., Foley, H. B., Kannan, K., Robinson, M., Grubbs, B., Lerner, D., Lurvey, N., Al-Marayati, L., Habre, et al

2024

- **First trimester prenatal metal mixtures, vitamins, and hypertensive disorders of pregnancy in the project viva cohort** *Environment International*
Hernandez-Castro, I., Rifas-Shiman, S. L., Lin, P. D., Chavarro, J. E., Gold, D. R., Zhang, M., Mueller, N. T., James-Todd, T., Coull, B., Hivert, M., Oken, E., Cardenas, A.
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- **Prenatal exposures to organophosphate ester metabolite mixtures and children's neurobehavioral outcomes in the MADRES pregnancy cohort.** *Environmental health : a global access science source*
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2023; 22 (1): 66
- **Sex-specific effects of prenatal organophosphate ester (OPE) metabolite mixtures and adverse infant birth outcomes in the maternal and developmental risks from environmental and social stressors (MADRES) pregnancy cohort** *ENVIRONMENTAL RESEARCH*
Hernandez-Castro, I., Eckel, S. P., Howe, C. G., Niu, Z., Kannan, K., Robinson, M., Foley, H. B., Grubbs, B., Al-Marayati, L., Lerner, D., Lurvey, N., Aung, M. T., Habre, et al
2023; 226: 115703
- **COVID-19 Pandemic Experiences and Symptoms of Pandemic-Associated Traumatic Stress Among Mothers in the US** *JAMA NETWORK OPEN*
Bastain, T. M., Knapp, E. A., Law, A., Algermissen, M., Avalos, L. A., Birnhak, Z., Blackwell, C., Breton, C., Duarte, C., Frazier, J., Ganiban, J., Greenwood, P., Herbstman, et al
2022; 5 (12): e2247330
- **Perceived vulnerability to immigration policies among postpartum Hispanic/Latina women in the MADRES pregnancy cohort before and during the COVID-19 pandemic** *WOMENS HEALTH*
Hernandez-Castro, I., Toledo-Corral, C. M., Chavez, T., Habre, R., Grubbs, B., Al-Marayati, L., Lerner, D., Lurvey, N., Lagomasino, I., Eckel, S. P., Dunton, G. F., Farzan, S. F., Breton, et al
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- **Household pesticide exposures and infant gross motor development in the MADRES cohort** *PAEDIATRIC AND PERINATAL EPIDEMIOLOGY*
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2022; 36 (2): 220-229
- **Prenatal ambient air pollution and maternal depression at 12 months postpartum in the MADRES pregnancy cohort** *ENVIRONMENTAL HEALTH*
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