

Skill summary

- Seven years of experience in public health including research, education, program implementation and evaluation.
- Strong quantitative, qualitative and analytical skills including experience with STATA and R software.
- Proven track record for data management, data quality improvement and attention to detail.
- Ability to translate scientific and epidemiological information to National programs and also to the general population.
- Strong communication and organizational skills with proven ability to manage multiple tasks.
- Proven ability to collaborate with multiple stakeholders at different levels both in Spanish and English.
- Writing and presentations: manuscripts, grant applications, abstracts, program assessments and reports.

Education

National School of Public Health Mexico, CDMX Ph.D. in Epidemiology	September 2021
National School of Public Health Mexico, CDMX <ul style="list-style-type: none">• Master's in Science in Sexual and Reproductive Health	September 2012
Universidad Autónoma Metropolitana Mexico, CDMX <ul style="list-style-type: none">• Psychology focused on social research	September 2008

Professional experience

Instituto Nacional de Salud Pública STOP-Tabacco Research assistant <ul style="list-style-type: none">• Collaboration with <i>Salud Justa</i>, an NGO dedicated to influence the country's public policies in order to promote the right to health among the population.• Statistical analyst and researcher focused on conducting systematic reviews and generating scientific evidence to help inform and detect conflict of interest.	September 2021-Present
Instituto Nacional de Salud Pública ENSANUT- Tobacco analysis Research assistant <ul style="list-style-type: none">• Analyze the current National Health and Nutrition Survey (ENSANUT-Covid) with outcomes related to characterize the type of nicotine consumers in Mexico.• Currently conducting the analysis of two manuscripts that will address issues of expenditure and risk behaviors among nicotine users during the pandemic of COVID-19.	February 2021 – Present
Instituto Nacional de Salud Pública COVID-19 aid researcher Research assistant <ul style="list-style-type: none">• Manage and analyzed National Data of COVID-19 cases for the Ministry of Health.• Published manuscript on the prevalence of sequelae in Mexico.• Currently analyzing the national trends and prevalence of domestic and partner violence during the first confinement in Mexico.	June – December 2020
Instituto Nacional de Salud Pública ENDS Repository Research assistant <ul style="list-style-type: none">• Conducted a systematic review of the literature about vaping and new tobacco products.• Developed the instrument to collect the data and dataset.• Translated the scientific literature to summary notes for legislators and general population to inform the discussion for the regulation of these products.• Write an informative brochure for legislators and key stakeholders (Bloomberg, Mexican NGO's, National Tobacco Control Office).	September 2019- 2020

- One on one meetings with key stakeholders to coordinate the diffusion of the research materials.

Instituto Nacional de Salud Pública | Salud Urbana en America Latina (SALURBAL)

August 2018-2020

Research assistant

- Build and maintained relationships with researchers from America Latina and the US. Coordinate meetings with the Mexico team.
- Data management from different National datasets and engagement and collaboration on manuscript writing.
- Participate in different core groups of the project such as, gender group, data and methods group, maternal and child health.
- Provide operational, technical and financial recommendations for the project development.

Instituto Nacional de Salud Pública | Drug Metabolites

September 2018

Research assistant and Project manager

- Build and maintained relationships with the National Water Commission (CONAGUA), Ministry of Health and, with the National Institute of Psychiatry.
- Engage and collaborate on grant and manuscript planning and writing. Assessed the cost of every stage of the project.
- Train, supervise, and evaluate research fellows and interns.
- Systematically review the conditions of the wastewater treatment plants across Mexico.
- Provide operational, technical and financial recommendations for the development of the project.

Instituto Nacional de Salud Pública | Puros cuentos saludables

August 2017

Research assistant

- Conducted a literature review to support the writing of 10 scripts targeting public health problems in kids.
- Reviewed the development of the scripts and videos.
- Helped with development of Puros Cuentos Saludables website in Facebook (<https://www.facebook.com/watch/Puros-Cuentos-Saludables-701135956756075/>) and YouTube (<https://www.youtube.com/channel/UCnjj0yTkthIiPC0QCzjZCkQ>).
- Coordinated the collaboration with the National Women's Institute to ensure that the contents include gender perspective, a correct treatment of sensible content and were adequate to our target audience.

Instituto Nacional de Salud Pública | SSB tax

May 2017

Research assistant

- Data cleaning and management of National Surveys.
- Engage and collaborate on grant and manuscript planning and writing.
- Systematically review cost and effectiveness for different individual population intervention (bariatric surgery, pharmacotherapy and nutritional advice).

Instituto Nacional de Salud Pública | MOOC

January 2015

Research assistant

- Systematic review of the literature to find the most recent evidence regarding adolescent health.
- Collaborated with two National: Ministry of Health and Women Institute to ensure successful program implementation and with NGO's.
- Review of all the exercises and contents of the platform. Aid in the creation of the pre and post evaluation surveys.

Instituto Nacional de Salud Pública | comole hago.org

January 2015

Research assistant and Project manager

- Collaboration with England Public Health and Bedsider, NGO's and adolescents for the elaboration of contents and diffusion of the website.
- Provide operational, technical and financial recommendations for sustainable development of the project.
- Coordinated the collaboration with the National Women's Institute to ensure that the contents include gender perspective, a correct treatment of sensible content and were adequate to our target audience.
- Review the scripts and blogs posted on the website.

Academic appointments

Instituto Nacional de Salud Pública | Guest professor

September 2021- present

- Invited to teach a course in Meta-analysis to masters' and doctorate students at the National Institute of public health.

Hospital Español | Epidemiology professor

April 2017- present

- Teach the course 'Introduction to Epidemiology' to Pediatric and Neonatology residents.
- Aid students conceptualized their thesis, conduct statistical analyses and aid them through the writing and submission process of their scientific manuscript.

Instituto Nacional de Salud Pública | Assistant professor

February 2018- present

- Due to my experience in social media and psychology I have been invited to teach several classes in the "Promotion, Education and Communication in Health" course.

Instituto Nacional de Salud Pública | Guest professor

Summer course 2019

- Invited to teach three epidemiology classes, obtaining excellent reviews.

International educational and research experience

Minnesota University | Virtual attendance

Summer 2021

Summer course

- I won a scholarship to attend two virtual courses at MU.
- I applied to (1) Introduction to ArcGIS and (2) Data visualization in R

Drexel University, Dornsife School of Public Health | Philadelphia, PA

September 2019

Research stay

- Attended two courses (1) Longitudinal analyses and (2) Programming in R

Harvard T.H. Chang School of Public Health | Boston, MA

June 2018

Research stay

- Work on the "Cost-effectiveness of the sugar-sweetened beverages excise tax in Mexico" manuscript.
- Involvement in the statistical process of the modelling for the cost-effectiveness of the the sugar-sweetened beverages excise tax and the writing process.

Harvard T.H. Chang School of Public Health | Boston, MA

June 2017

Short Course on Causal Inference

- Primary aim to be familiar with concepts and methods for causal inference from observational data.
- Topics covered include the g-formula, inverse probability weighting of marginal structural models, g-estimation of structural nested models, causal mediation analysis, and methods to handle unmeasured confounding.

Harvard T.H. Chang School of Public Health | Boston, MA

July-August 2014

Summer stay

- Worked on my Masters' dissertation alongside with Dr. Chavarro, associate Professor of Medicine and Epidemiology.
- Attended open seminars related with maternal and reproductive health.

Peer-reviewed publications

1. Hepatitis B infection in Mexican Adults: Results of a nationally representative survey. Carnalla M, **Vidaña-Pérez D**, Alpuche-Aranda C, Chávez-Tapia NC, Romero-Martínez M, Shamah-Levy T, Barrientos-Gutiérrez T. Ann Hepatol. 2021 Nov 19:100583. doi: 10.1016/j.aohep.2021.100583. Epub ahead of print. PMID: 34808394.
2. Prevalence of Covid-19 sequelae in the National Health and Nutrition Survey 2020. **Vidaña-Pérez, D.**, López-Olmedo, N., González-Morales, R., Shamah-Levy, T., & Barrientos-Gutiérrez, T. (2021).. Salud Pública de México, 1-4.
3. Equitability of Individual and Population Interventions to Reduce Obesity: A Modeling Study in Mexico. **Vidaña-Pérez D**, Braverman-Bronstein A, Zepeda-Tello R, Camacho-García-Formentí D, Colchero MA, Rivera-Dommarco JA, Popkin BM, Barrientos-Gutierrez T. Am J Prev Med. 2021 Aug 23:S0749-3797(21)00368-8. doi: 10.1016/j.amepre.2021.05.033. Online ahead of print. PMID: 34446315

4. Soft drink intake is associated with weight gain, regardless of physical activity levels: the health workers cohort study González-Morales R, Canto-Osorio F, Stern D, Sánchez-Romero LM, Torres-Ibarra L, Hernández-López R, Rivera-Paredes B, **Vidaña-Pérez D**, Ramírez-Palacios P, Salmerón J, Popkin BM, Barrientos-Gutiérrez T.. *Int J Behav Nutr Phys Act.* 2020 May 12;17(1):60. doi: 10.1186/s12966-020-00963-2. PMID: 32398158; PMCID: PMC7216416.
5. Medición de drogas ilícitas en aguas residuales: estudio piloto en México [Assessing illicit drugs in wastewater: a pilot study in Mexico]. Cruz-Cruz C, **Vidaña-Pérez D**, Mondragón Y Kalb M, Martínez-Ruiz MJ, Olaiz-Fernández G, Hernández-Lezama LF, Hernández-Ávila M, Barrientos-Gutiérrez T. *Salud Publica Mex.* 2019 Jul-Ago;61(4):461-469. Spanish. doi: 10.21149/9819. Epub 2019 Apr 12. PMID: 31314209.
6. Complementary feeding practices in Mexican healthy infants: How close are they to the current guidelines? Ortega-Cisneros CM, **Vidaña-Pérez D**, Basto-Abreu A, Iglesias-Leboreiro J, Venegas-Andrade A, Rodríguez-Santaolaya P, López-Arztat LV, Blanco-Montero A. *Bol Med Hosp Infant Mex.* 2019;76(6):265-272. English. doi: 10.24875/BMHIM.19000064. PMID: 31769439.
7. Opioids, stimulants, and depressant drugs in fifteen Mexican Cities: A wastewater-based epidemiological study. Cruz-Cruz C, Yargeau V, **Vidaña-Pérez D**, Schilman A, Pineda MA, Lobato M, Hernández-Avila M, Villatoro JA, Barrientos-Gutierrez T. *Int J Drug Policy.* 2020 Nov 16;88:103027. doi: 10.1016/j.drugpo.2020.103027. Epub ahead of print. PMID: 33212372.
8. Cost-effectiveness of the sugar-sweetened beverages excise tax in Mexico. Basto-Abreu A, Barrientos-Gutiérrez T, **Vidaña-Pérez D**, Colchero A, Hernández-F M, Hernández-Ávila M, Ward Z.J, Long M.W, Gortmaker S.L *Health Affairs.* 2019
9. Medición de drogas ilícitas en aguas residuales: estudio piloto en México. Copenzy Cruz-Cruz, **Desiree Vidaña-Pérez**, Manuel Mondragón y Kalb, María José Martínez-Ruiz, Gustavo Olaiz-Fernández, Luis Fernando Hernández-Lezama, Mauricio Hernández-Ávila, Tonatiuh Barrientos-Gutiérrez. SPM 2019.
10. Contribution of Second and Higher-Order Births to Adolescent Fertility in Mexico. Sánchez-Pájaro A, Braverman-Bronstein A, De Castro F, **Vidaña-Pérez D**, Villalobos-Hernández A, Barrientos-Gutiérrez T. *Stud Fam Plann.* 2019 Mar;50(1):63-70. doi: 10.1111/sifp.12083. Epub 2019 Jan 31.
11. Sexual content in video games: an analysis of the Entertainment Software Rating Board classification from 1994 to 2013. **Vidaña-Pérez D**, Braverman-Bronstein A, Basto-Abreu A, Barrientos-Gutierrez I, Hilscher R, Barrientos-Gutierrez T. *Sex Health.* 2018 Jun;15(3):209-213. doi: 10.1071/SH17017.
12. Regulating illegal drug markets: what legal markets can teach us. Barrientos-Gutierrez T, **Vidaña-Pérez D**, Zepeda-Tello R, Hernández-Ávila M. *Lancet.* 2016 Jun 18;387(10037):2505. doi: 10.1016/S0140-6736(16)30796-6.
13. Granulocyte-colony stimulating factor for acute-on-chronic liver failure: systematic review and meta-analysis. Chavez-Tapia NC, Mendiola-Pastrana I, Ornelas-Arroyo VJ, Noreña-Herrera C, **Vidaña-Pérez D**, Delgado-Sanchez G, Uribe M, Barrientos-Gutierrez T. *Ann Hepatol.* 2015 Sep-Oct;14(5):631-41. Review.
14. Saturación pre y postductal en recién nacidos sanos de la Ciudad de México. **Vidaña-Pérez, D. V.**, Zapata, I. B., Leboreiro, J. I., Hernández Benítez, R., & Duau, C. M. L. (2020). *Acta Médica Grupo Ángeles*, 18(2), 146-150.
15. Asociación entre adicción a la comida e índice de masa corporal en niños mexicanos de 10 a 16 años. Valdés, J. C. L., Barroso, X. T., Andrade, A. V., Olivares, M. D. M. M., Cisneros, C. M. O., **Vidaña- Pérez, D.**, ... & Arzate, L. V. L. (2019). *Acta Médica Grupo Ángeles*, 17(4), 358-363.
16. Factores perinatales asociados con el desarrollo de hemorragia intraventricular en recién nacidos. Mondragón, C. R., **Vidaña-Pérez, D.**, Guerrero, M. Á. S., Luna, M. M., Leboreiro, J. I., & Zapata, I. B. (2019). *Acta Médica Grupo Ángeles*, 17(3), 237-242.