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- Ph.D. Student in Epidemiology and Clinical Research, admitted Autumn 2021
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Teaching

COURSES

2023-24

- Introduction to Health Sciences Statistics: HUMBIO 89 (Win)

2022-23

- Introduction to Health Sciences Statistics: HUMBIO 89 (Win)

Publications

PUBLICATIONS

- **Associations of SARS-CoV-2 PCR positivity with clinical symptoms and race/ethnicity: The household transmission study.** *PloS one*
Goodman, S. H., Altamirano, J., Burns, J., Sarnquist, C. S., Read, J. S., Maldonado, Y.
2025; 20 (9): e0332819
- **Medical Student Confidence in Meeting Disability Competencies: Results of a national survey-based study.** *American journal of physical medicine & rehabilitation*
Clarke, L., Dhanani, Z., Tan, L., Altamirano, J., Fassiotto, M., Poulos, P.
2025
- **Exposure to Dengue Virus During Pregnancy: Incidence and Impact on Maternal and Child Outcomes.** *The American journal of tropical medicine and hygiene*
Smith, A., Bayrau, B. A., Ichura, C., Altamirano, J., King, C., Malhotra, I., Mungai, P., Mutuku, F., Mukoko, D., LaBeaud, A. D.
2024
- **Disability Identity and Perceptions of Institutional Fairness and Climate in Academic Medicine.** *JAMA network open*
Altamirano, J., Fassiotto, M., Salles, A., Sutha, K., Maldonado, Y., Poulos, P.
2024; 7 (8): e2430367
- **Natural history of shedding and household transmission of severe acute respiratory syndrome coronavirus 2 using intensive high-resolution sampling.** *PloS one*
Altamirano, J., Govindarajan, P., Blomkalns, A. L., Leary, S., Robinson, I., Chun, L. X., Shaikh, N. J., Robinson, M. L., Lopez, M., Tam, G. K., Carrington, Y. J., De Araujo, M. B., Walter, et al
2024; 19 (7): e0305300
- **Learning Lessons from the COVID-19 Pandemic-A Qualitative Assessment of the Experiences of Pregnant Latinas Infected with COVID-19 and Their Perspectives on Vaccination.** *Journal of racial and ethnic health disparities*
Lopez, M., Altamirano, J., Melchor, S., Perez, S., Maldonado, Y., Aziz, N., Igbinosa, I.
2024
- **Understanding ART Adherence among Adolescent Girls and Young Women in Western Kenya: A Cross-Sectional Study of Barriers and Facilitators.** *International journal of environmental research and public health*

- Altamirano, J., Odero, I. A., Omollo, M., Awuonda, E., Ondeng'e, K., Kang, J. L., Behl, R., Ndivo, R., Baiocchi, M., Barsosio, H. C., Sarnquist, C. C. 2023; 20 (20)
- **Rapid emergence and transmission of virulence-associated mutations in the oral poliovirus vaccine following vaccination campaigns.** *NPJ vaccines*
Walter, K. S., Altamirano, J., Huang, C., Carrington, Y. J., Zhou, F., Andrews, J. R., Maldonado, Y. 2023; 8 (1): 137
 - **Women Physicians Receive Lower Press Ganey Patient Satisfaction Scores in a Multi-Center Study of Outpatient Gynecology Care.** *American journal of obstetrics and gynecology*
Rogo-Gupta, L. J., Altamirano, J., Homewood, L. N., Donnellan, N. M., Miles, S., Stuparich, M., Salinaro, J., Lum, D., Fassiotto, M. 2023
 - **Rapid emergence and transmission of virulence-associated mutations in the oral poliovirus vaccine following vaccination campaigns.** *medRxiv : the preprint server for health sciences*
Walter, K. S., Altamirano, J., Huang, C., Carrington, Y. J., Zhou, F., Andrews, J. R., Maldonado, Y. 2023
 - **Challenges in Harnessing Shared Within-Host Severe Acute Respiratory Syndrome Coronavirus 2 Variation for Transmission Inference.** *Open forum infectious diseases*
Walter, K. S., Kim, E., Verma, R., Altamirano, J., Leary, S., Carrington, Y. J., Jagannathan, P., Singh, U., Holubar, M., Subramanian, A., Khosla, C., Maldonado, Y., Andrews, et al 2023; 10 (2): ofad001
 - **Qualitative perspectives on COVID-19, interpersonal violence, and interventions to improve well-being from adolescent girls and young women in Kisumu, Kenya.** *Frontiers in reproductive health*
Reed, R. E., Omollo, M., Odero, I., Awuonda, E., Ochere, P., Ondeng'e, K., Kang, J. L., Altamirano, J., Barsosio, H. C., Sarnquist, C. 2023; 5: 1236588
 - **Qualitatively exploring the impact of a relationship-centered communication skills training program in improving patient perceptions of care.** *PEC innovation*
Haverfield, M. C., Victor, R., Flores, B., Altamirano, J., Fassiotto, M., Kline, M., Weimer-Elder, B. 2022; 1: 100069
 - **Disability Identity Among Diverse Learners and Employees at an Academic Medical Center.** *JAMA network open*
Jerome, B., Fassiotto, M., Altamirano, J., Sutha, K., Maldonado, Y., Poulos, P. 2022; 5 (11): e2241948
 - **A Retrospective Study of the Seroprevalence of Dengue Virus and Chikungunya Virus Exposures in Nigeria, 2010-2018.** *Pathogens (Basel, Switzerland)*
Ekong, P. S., Aworh, M. K., Grossi-Soyster, E. N., Wungak, Y. S., Maurice, N. A., Altamirano, J., Ekong, M. J., Olugasa, B. O., Nwosuh, C. I., Shamaki, D., Faburay, B., LaBeaud, D. A. 2022; 11 (7)
 - **Journal update monthly top five.** *Emergency medicine journal : EMJ*
Saxena, M., Altamirano, J., Rose, C., Bennett, C., Govindarajan, P., Lumba-Brown, A., Hirst, R. 2022; 39 (7): 561-562
 - **Rebuilding child health in South Kivu, Democratic Republic of Congo (DRC): evaluating the Asili social enterprise program.** *Conflict and health*
Behl, R., Ali, S., Altamirano, J., Leno, A., Maldonado, Y., Sarnquist, C. 2022; 16 (1): 21
 - **Prospective Pilot Study Evaluating SARS-CoV-2 Transmission-Limiting Measures in an On-Site School** *ACADEMIC PEDIATRICS*
Jani, S. G., Ma, J., Pulendran, U., Hsing, J. C., Altamirano, J., Shah, S., Toomarian, E. Y., Maldonado, Y., Wang, C. 2022; 22 (4): 671-679
 - **Infectious Diseases-Related Hospitalizations During Oral Polio Vaccine(OPV) and non-OPV immunization periods: An Empirical Evaluation of all Hospital Discharges in California(1985-2010).** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
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2022

- **Feasibility of Specimen Self-collection in Young Children Undergoing SARS-CoV-2 Surveillance for In-Person Learning.** *JAMA network open*
Altamirano, J., Lopez, M., Robinson, I. G., Chun, L. X., Tam, G. K., Shaikh, N. J., Hoyte, E. G., Carrington, Y. J., Jani, S. G., Toomarian, E. Y., Hsing, J. C., Ma, J., Pulendran, et al
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- **Long Term Accuracy of SARS-CoV-2 Interferon-γ Release Assay and its Application in Household Investigation.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Murugesan, K., Jagannathan, P., Altamirano, J., Maldonado, Y. A., Bonilla, H. F., Jacobson, K. B., Parsonnet, J., Andrews, J. R., Shi, R. Z., Boyd, S., Pinsky, B. A., Singh, U., Banaei, et al
2022
- **The effect of a relationship-centered communication program on patient experience and provider wellness.** *Patient education and counseling*
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- **Effects of surgeon sociodemographics on patient-reported satisfaction.** *Surgery*
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- **Prospective Pilot Study Evaluating SARS-CoV-2 Transmission-Limiting Measures in an On-Site School.** *Academic pediatrics*
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2021
- **Effect of Surgeon Sociodemographics on Patient-Reported Satisfaction**
Nuyen, B. A., Altamirano, J., Fassiotto, M., Alyono, J.
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- **Rank Equity Index: Measuring Parity in the Advancement of Underrepresented Populations in Academic Medicine.** *Academic medicine : journal of the Association of American Medical Colleges*
Fassiotto, M., Flores, B., Victor, R., Altamirano, J., Garcia, L. C., Kotadia, S., Maldonado, Y.
2020
- **The association between Asian patient race/ethnicity and lower satisfaction scores.** *BMC health services research*
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- **Patient Age, Race and Emergency Department Treatment Area Associated with "Topbox" Press Ganey Scores.** *The western journal of emergency medicine*
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- **Gender Differences in Patient Perceptions of Physicians' Communal Traits and the Impact on Physician Evaluations.** *Journal of women's health (2002)*
Chen, H. n., Pierson, E. n., Schmer-Galunder, S. n., Altamirano, J. n., Jurafsky, D. n., Leskovec, J. n., Fassiotto, M. n., Kothary, N. n.
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- **Assessment of Sensitivity and Specificity of Patient-Collected Lower Nasal Specimens for Sudden Acute Respiratory Syndrome Coronavirus 2 Testing.** *JAMA network open*
Altamirano, J. n., Govindarajan, P. n., Blomkalns, A. L., Kushner, L. E., Stevens, B. A., Pinsky, B. A., Maldonado, Y. n.
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- **Achieving Speaker Gender Equity at the SIR Annual Scientific Meeting: The Effect of Female Session Coordinators.** *Journal of vascular and interventional radiology : JVIR*
Ghatan, C. E., Altamirano, J., Fassiotto, M., Perez, M. G., Maldonado, Y., Josephs, S., Sze, D. Y., Kothary, N.

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- **Drs. Kothary et al respond.** *Journal of vascular and interventional radiology : JVIR*
Kothary, N., Fassiotto, M., Altamirano, J.
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- **Untapped Resources: Attaining Equitable Representation for Women in IR** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
Perez, M. G., Fassiotto, M., Altamirano, J., Hwang, G. L., Maldonado, Y., Josephs, S., Sze, D. Y., Kothary, N.
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- **Comparison of Outpatient Satisfaction Survey Scores for Asian Physicians and Non-Hispanic White Physicians** *JAMA NETWORK OPEN*
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- **CHIKUNGUNYA AND DENGUE VIRUS SEROPREVALENCE AMONG CHILDREN IN COASTAL AND WESTERN KENYA AND RISK FACTORS FOR EXPOSURE**
Cash-Goldwasser, S., Altamirano, J., Ndenga, B., Ng'ang'a, C., Malumbo, S., Amugongo, J., Lwamba, L., Denga, F., Musaki, S., Mutuku, F., LaBeaud, A.
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- **Protocol Paper: Oral Poliovirus Vaccine Transmissibility in Communities After Cessation of Routine Oral Poliovirus Vaccine Immunization** *CLINICAL INFECTIOUS DISEASES*
Sarnquist, C., Holubar, M., Garcia-Garcia, L., Ferreyra-Reyes, L., Delgado-Sanchez, G., Pablo Cruz-Hervert, L., Montero-Campos, R., Altamirano, J., Purington, N., Boyle, S., Modlin, J., Ferreira-Guerrero, E., Canizales-Quintero, et al
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- **Pediatric HIV Infection and Decreased Prevalence of OPV Point Mutations Linked to Vaccine-associated Paralytic Poliomyelitis** *CLINICAL INFECTIOUS DISEASES*
Halpern, M. S., Altamirano, J., Maldonado, Y.
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- **Spatial Analyses of Oral Polio Vaccine Transmission in an Community Vaccinated With Inactivated Polio Vaccine** *CLINICAL INFECTIOUS DISEASES*
Jarvis, C., Altamirano, J., Sarnquist, C., Edmunds, W., Maldonado, Y.
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- **Assessing the Risk of Vaccine-derived Outbreaks After Reintroduction of Oral Poliovirus Vaccine in Postcessation Settings** *CLINICAL INFECTIOUS DISEASES*
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- **Validation of a High-throughput, Multiplex, Real-time Qualitative Polymerase Chain Reaction Assay for the Detection of Sabin Oral Polio Vaccine in Environmental Samples** *CLINICAL INFECTIOUS DISEASES*
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- **OPV Vaccination and Shedding Patterns in Mexican and US Children** *CLINICAL INFECTIOUS DISEASES*
Altamirano, J., Sarnquist, C., Behl, R., Garcia-Garcia, L., Ferreyra-Reyes, L., Leary, S., Maldonado, Y.
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- **Lab Protocol Paper: Use of a High-throughput, Multiplex Reverse-transcription Quantitative Polymerase Chain Reaction Assay for Detection of Sabin Oral Polio Vaccine in Fecal Samples** *CLINICAL INFECTIOUS DISEASES*
van Hoorebeke, C., Huang, C., Leary, S., Holubar, M., Altamirano, J., Halpern, M. S., Sommer, M., Maldonado, Y.
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- **Characterization of Household and Community Shedding and Transmission of Oral Polio Vaccine in Mexican Communities With Varying Vaccination Coverage** *CLINICAL INFECTIOUS DISEASES*
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- **Associations between women's perceptions of gender relations and self-esteem and self-efficacy in a former conflict zone: baseline findings in South Kivu, DR Congo**
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- **Physician Gender Is Associated with Press Ganey Patient Satisfaction Scores in Outpatient Gynecology.** *Women's health issues : official publication of the Jacobs Institute of Women's Health*
Rogo-Gupta, L. J., Haunschild, C., Altamirano, J., Maldonado, Y. A., Fassiotto, M.
2018; 28 (3): 281-285