

## CURRICULUM VITAE

### Miguel Reina Ortiz MD, MS, MPH, PhD, CPH

Associate Professor  
School of Public and Population Health  
Boise State University

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## RESEARCH FOCUS AND EXPERTISE

Global Health scientist interested on the application of behavioral economics, informed by community-engaged research, to the development of culturally appropriate, effective, and efficient HIV prevention strategies, with a focus on vulnerable and minoritized populations. My research also aims at generating evidence to improve Disaster Preparedness, Management, and Mitigation, with a focus on disaster-related infectious disease dynamics. My studies address the dynamic relationship between infectious agents, their hosts, and the environment in which these interactions occur. I am also interested in understanding and contributing to the international dialogue on disease prevention, including international binding and non-binding instruments and their negotiation and application through Global Health Diplomacy. My previous research and scholarly activities have been done in a variety of countries, ranging from Ecuador, Costa Rica, and Nicaragua in Latin America to the United States in North America to India and Nepal in South Asia. In terms of research methods, expertise includes quantitative and qualitative approaches, in addition to specialized techniques such as the use of Geographic Information Systems-based techniques applied to health issues. Professional expertise includes clinical care in international settings, leadership positions in overseas healthcare units, as well as coordination, supervision, and collaboration in interdisciplinary teams at international level.

## EDUCATION

### Harvard University

Harvard University School of Medicine  
Global Clinical Scholars Research Training

Expected culmination July 2023

### University of South Florida

Department of Global Health, College of Public Health  
PhD, Public Health. Concentration in Global Communicable Disease

Tampa, FL

Aug 8, 2015

- **Effect of Timely Treatment on Malaria Gametocytemia in Esmeraldas, Ecuador**



<b>University of South Florida</b> Department of Epidemiology and Biostatistics, College of Public Health Graduate Certificate in Applied Biostatistics	<b>Tampa, FL</b>	Dec 2014
<b>University of South Florida</b> Department of Global Health, College of Public Health Graduate Certificate in Global Health Practice	<b>Tampa, FL</b>	Apr 2013
<b>The Hebrew University of Jerusalem</b> The Braun School of Public Health and Community Medicine MPH – <b>Fertility Treatment and offspring health outcomes.</b>	<b>Jerusalem, Israel</b>	Sep 2011
<b>Universidad San Francisco de Quito</b> Institute of Microbiology MS. Concentration in Microbiology – <b>Modified Th2 response in helminth infections</b>	<b>Quito, Ecuador</b>	Jun 2009
<b>Universidad Central del Ecuador</b> School of Medicine MD – <b>Graduated with honors</b>	<b>Quito, Ecuador</b>	Sep 2004

## PROFESSIONAL CERTIFICATIONS

2019 – present      Certified in Public Health (CPH). **National Board of Public Health Examiners.**

## ACADEMIC AND PROFESSIONAL EXPERIENCE

### Academic experience

2022 (August)	Associate Professor. School of Public Health and Population Science, College of Health Sciences, Boise State University (upcoming).
2021 – 2022	Associate Professor. College of Public Health, University of South Florida.
2015 – 2021	Assistant Professor. College of Public Health, University of South Florida.
2012 – 2015	Teaching Assistant and Instructor for several undergraduate and graduate courses in the College of Public Health, University of South Florida (Please see the section titled “Teaching and Mentoring Experience”)
2009 – 2011	Instructor for the course of Research Methods (Graduate Level). Dermatology Postgraduate Residency Program. Universidad Central del Ecuador. Quito, Ecuador.
2009 – 2011	Thesis Mentor. Dermatology Postgraduate Residency Program. Universidad Central del Ecuador. Quito, Ecuador.



- 2009 – 2010 Instructor for undergraduate courses (Schools of Medicine, Odontology, Nursing and Physiotherapy). Universidad de las Americas. Quito, Ecuador.
- 2008 Co-organizer and Lecturer of the Helminthology course (Graduate Level). Master of Microbiology Program. Pontificia Universidad Católica del Ecuador. Spring, 2008.

### **Affiliate and Courtesy appointments**

- 2016 – 2018 Affiliate Researcher/Faculty. Universidad San Francisco de Quito. Quito, Ecuador.

### **Professional experience**

- 2011 Technical Director of Quality, Clinical Diagnostic Laboratory, Hospital Delfina Torres de Concha. Esmeraldas, Ecuador.
- 2009 – 2010 Clinical Trial Monitor. Roche Ecuador S.A. Quito, Ecuador.
- 2009 Resident Medical Doctor / Hospital Epidemiologist. Maternidad Virgen de la Buena Esperanza (Obstetrics Hospital). Esmeraldas, Ecuador.
- 2004 – 2005 Director. Sub-Centro de Salud Tachina – Maternal and Child / Primary Healthcare Center. Esmeraldas, Ecuador.

### **Consultancies**

- 2021 – 2022 Consultant for a Project – Developing Vector Borne-related GIS training for The Caribbean Public Health Agency (CARPHA).
- 2009 Consultant for Fundacion Natura Ecuador. Quito, Ecuador.

### **FELLOWSHIPS**

- 2018 Abshire-Inamori Leadership Academy International Fellowship Fall 2018. **Center for Strategic and International Studies (CSIS)**. Washington DC, USA. September 24<sup>th</sup> to September 28<sup>th</sup>, 2018.

### **SPECIALIZED TRAININGS**

- 2021 Burden of Disease Training School. **Burden EU – European Burden of Disease Network**. European Cooperation in Science and Technology – COST Action CA18218. September 10, 17 and 24, 2021.
- 2021 Behavioral Economics Virtual. **Harvard Business School Executive Education, Harvard University**. October 18-29, 2021.



- 2019 Independent Applying the QM Rubric (APPQMR). **Quality Matters**. January 25, 2019.
- 2015 International Rapid Assessment, Response and Evaluation (I-RARE). I-RARE Research Team. Department of Community and Family Health, College of Public Health, **University of South Florida**. January 29, 30 and 31, 2015
- 2010 Course on Bioethics (V Curso de Introducción a la Ética de la Investigación en Seres Humanos). **Red Bioética UNESCO**. Buenos Aires, Argentina (on line activity). May to December, 2010.

## RESEARCH AND SCHOLARLY ACTIVITIES

### Peer-reviewed publications

*Italics* for student authors, \* = community partner, + = corresponding author

1. **Reina Ortiz M+**, Grunauer M, Gutierrez E, Izurieta R, Rosas C, Macis M, Phan P, Teran E. Financial incentives, not behavioral nudges, led to optimized HIV testing among pregnant women in a high burden urban population in Ecuador. *American Journal of Tropical Medicine & Hygiene* 2022; on-line ahead of print. DOI: 10.4269/ajtmh.21-0591.
2. Pullia A, Jeemi Z, **Reina Ortiz M**, Dantas JAR. Physical Activity Experiences of South Asian Migrant Women in Western Australia: Implications for Intervention Development. *International Journal of Environmental Research and Public Health* 2022; 19 (6):3585. DOI: 10.3390/ijerph19063585.
3. Charalompous P, Gorasso V, ... The COST Action CA18218 Participants (inc. Miguel **Reina Ortiz**). Burden of non-communicable disease studies in Europe: a systematic review of data sources and methodological choices. *European Journal of Public Health* 2022; 1-8. DOI:10.1093/eurpub/ckab218.
4. Peñalvo JL, Mertens E, .... **Reina Ortiz M**, ... on behalf of the unCoVer network. Unravelling data for rapid evidence- based response to COVID-19: a summary of the unCoVer protocol. *BMJ Open* 2021; 11 (11): 1-11. DOI: 11:e055630. doi:10.1136/bmjopen-2021-055630.
5. *Le NK, Panchang S*, Izurieta A, **Reina Ortiz M**, Hoare I, Naik E, Espinel M, Teran E, Izurieta R. Fostering East-West and North-South bidirectional collaborations: Experiences from the First International Congress on Ecology and Evolution of Global Communicable Diseases held in Quito and the Galapagos Islands, Ecuador. *International Journal of Academic Medicine* 2021; 7(3):137-140.
6. Marhefka S, Lockhart E, Chen H, Meng H, **Reina Ortiz M**, Powell B, Shuter J. A tailored telehealth group tobacco cessation treatment program for people with HIV: Study Protocol for a Randomized Controlled Trial. *Contemporary Clinical Trials* 2021; 110:106475. DOI: 10.1016/j.cct.2021.106475.
7. Rafieifar M, Naseh M, Potocky M, Zajicek-Farber ML, Kim W, Padilla B, **Reina Ortiz M**, Lopez JA\*. Impacts of COVID-19 on refugees and immigrants in the United States: A call for action. *International Social Work* 2021; 64(5):771-776. DOI: [10.1177/00208728211017964](https://doi.org/10.1177/00208728211017964) [brief note].



8. **Reina Ortiz M**, Sharma V, Hoare I, Casanova J, Corvin J. Developing Global Health Diplomacy-related Skills Using a COVID-19-like Epidemic Simulation as a Learning Strategy. *American Journal of Tropical Medicine & Hygiene* 2021; 105(1):59-65. DOI: <https://doi.org/10.4269/ajtmh.21-0155>
9. Macis M, Grunauer M, Izurieta R, Phan P, **Reina Ortiz M**, Rosas C, Teran E. Using Incentives and Nudging to Improve Non-Targeted HIV Testing in Ecuador: A Randomized Trial. *AIDS and Behavior* 2021; 25:2542-2550. DOI: <https://doi.org/10.1007/s10461-021-03215-x>
10. Hernandez I, Sharma V, **Reina-Ortiz M**, Rosas C, Ochoa T, Teran S, Izurieta R, Teran E. HIV/AIDS-related Knowledge and Behavior among School-attending Afro-Descendant Youths in Ecuador. *International Journal of Maternal and Child Health and AIDS* 2020; 9(3):397-407. DOI: <https://doi.org/10.21106/ijma.412>
11. Shakya DR, Thapa SB, Kar SK, Sharma V, Uchida N, **Reina Ortiz M**, Poudel CK, Bhattarai PR. COVID-19 across countries: Situation and Lessons for Pandemic Control. *Journal of the BP Koirala Institute of Health Sciences* 2020; 3:9-27. DOI: <https://doi.org/10.3126/jbkihs.v3i1.30311>
12. **Reina Ortiz M**, Grijalva MJ, Turell MJ, Waters WF, Carrazco A, Mathias D, Sharma V, Fierro C, Leon R. Biosafety-at-home: how to translate biomedical laboratory safety precaution measures for everyday use in the context of COVID-19. *The American Journal of Tropical Medicine & Hygiene* 2020; 103(2):838-840. DOI: <https://doi.org/10.4269/ajtmh.20-0677>
13. Sharma V, **Reina Ortiz M**, Sharma N. Risk and Protective Factors for Adolescent and Young Adult Mental Health Within the Context of COVID-19: A Perspective From Nepal. *Journal of Adolescent Health* 2020; 67: 135-137. DOI: <https://doi.org/10.1016/j.jadohealth.2020.04.006> [Letter to the Editor].
14. *Chee V*, Teran E, Hernandez I, Wright L, Izurieta R, **Reina-Ortiz M**, Flores M, Bejarano S, Baldwin J, Martinez-Tyson D. 'Desculturización', urbanization and the nutrition transition among urban Kichwa indigenous communities residing in the Andes highlands of Ecuador. *Public Health* 2019; 176:21-28. DOI: <https://doi.org/10.1016/j.puhe.2019.07.015>
15. Sharma V, **Reina Ortiz M**. A holistic approach to redefining Nepal's health-care system. *The Lancet Global Health* 2019; 7 (3):PE305. DOI: [https://doi.org/10.1016/S2214-109X\(18\)30530-8](https://doi.org/10.1016/S2214-109X(18)30530-8) [Correspondence].
16. *Dao L*, Teran E, *Bejarano S*, Hernandez I, **Reina Ortiz M**, *Chee V*, Flores M, Izurieta R, Baldwin J, Martinez Tyson D. Risk and Resiliency: The Syndemic Nature of HIV/AIDS in the Indigenous Highland Communities of Ecuador. *Public Health* 2019; 176:36-42. DOI: <https://doi.org/10.1016/j.puhe.2019.02.021>
17. Hernandez I, **Reina-Ortiz M**, *Adegoke K*, Ochoa T, Rosas C, *Sharma V*, ... Teran E. Risk factors for HIV and STI among female sex workers in a high HIV prevalent region of Ecuador. *Cogent Medicine* 2019; 6:156292. DOI: <https://doi.org/10.1080/2331205X.2019.1565292>



18. Arquilla B, Bloem C, Izurieta R, Jeanmonod D, Jeanmonod RK, Nanda S, Daniel P, Papadimos TJ, **Reina Ortiz M**, Garg M, Firstenberg MS, Galwankar SC, DeWulf AL, Peck GL, Sifri ZC, Stawicki SP. The Third Annual Academic International Medicine World Congress (AIM 2018) “Translating Evidence into Global Innovation” in Brooklyn, New York, July 27-29, 2018: Event Highlights and Scientific Forum Abstracts. *International Journal of Academic Medicine* 2018; 4(3):310-337. [Conference Proceedings].
19. *Black G, Hasenkamp E, Johnson N, Izurieta R, Ianiro R, Reina Ortiz M+*. Concern and attitudes toward Zika virus in Jarabacoa, Dominican Republic : A cross-sectional study. *Global Journal of Health Science* 2018; 10(12):1-11. DOI: <https://doi.org/10.5539/gjhs.v10n12p1>
20. Martinez Tyson D, Terán E, *Dao L, Chee V, Hernandez I, Flores M, Reina-Ortiz M, Izurieta R, Baldwin JA*. “Cancer is in style here”: Lifestyle change and the perceived impact of globalization on Andean indigenous communities in Ecuador. *Ethnicity & Health* 2021; 26(2):153-167 (published online Epub ahead of print in 2018). DOI: <https://doi.org/10.1080/13557858.2018.1493437>
21. Izurieta R, *DeLacure D, Izurieta A, Hoare I, Reina-Ortiz M*. Mayaro Virus: The Jungle Flu. *Virus Adaptation and Treatment* 2018; 10:9-7. DOI: <https://doi.org/10.2147/VAAT.S128711> [Review Article].
22. **Reina Ortiz M, Le N, Sharma V, Hoare I, Quizhpe E, Terán E ... Izurieta R**. Post-Earthquake Zika virus surge: Disaster and public health threat amid climatic conduciveness. *Scientific Reports* 2017; 7(1):14508. DOI: <https://doi.org/10.1038/s41598-017-15706-w>
23. Hernandez I, **Reina Ortiz M, Johnson A, Rosas C, Sharma V, Teran S, ... Izurieta R**. Risk Factors Associated with HIV among Men Who Have Sex With Men (MSM) in Ecuador [Epub ahead of print]. *American Journal of Men’s Health* 2017; 11(5):1331-1341. (Published online before print May 8, 2016). DOI: <https://doi.org/10.1177/1557988316646757>
24. Hernandez I, *Johnson A, Reina Ortiz M, Rosas C, Sharma V, Terán S, ... Teran E*. Syphilis and HIV/Syphilis co-infection among Men who have Sex with Men (MSM) in Ecuador. *American Journal of Men’s Health* 2017; 11(4):823-833. (Published online before print Dec 5, 2016). DOI: <https://doi.org/10.1177/1557988316680928>
25. **Reina Ortiz M,+ Sharma V, Izurieta R**. HIV Prevalence in Asia and the Pacific: an Ecological Approach to Inequalities in the Region. *Health and the Environment Journal* 2012; 3(3):66-77.
26. **Reina Ortiz M, Schreiber F, Benitez S, et al**. Effects of Chronic Ascariasis and Trichuriasis on cytokine production and gene expression in human blood: A Cross-Sectional Study. *PLoS Neglected Tropical Diseases* 2011; 5 (6):e1157. DOI: <https://doi.org/10.1371/journal.pntd.0001157>
27. **Reina Ortiz M,+ Cárdenas P, Arias M**. “Fiebre por Dengue asociada a colecistitis alitiásica” (Dengue Fever associated with acalculous cholecystitis). *Rev Fac Cien Med (Quito)* 2009; 34: 46-49. [Case Report]



**Editorials in peer-reviewed journals**

28. **Reina Ortiz M.**+ Enfermedades Infecciosas: Un reto que persiste. Rev Fac Cien Med (Quito) 2012; 37: 5-8.
29. **Reina Ortiz M**, Sharma V, Hoare I, Izurieta R. State of the Globe: Ebola Outbreak in the Western World: Are We Really Ready? J Glob Infect Dis 2015; 7(2):53-5.
30. **Reina Ortiz M**,+ Sharma V, Hoare I, Izurieta R. Virus del Ébola: reflexiones sobre la reciente epidemia. Rev Med Vozandes 2014; 25 (1):3-4.
31. **Reina Ortiz M.**+ Los diseños de investigación. Revista Médica Voz Andes 2012; 23 (2):95-6.

**Peer-reviewed abstracts published in peer-reviewed journals**

*Italics* for student authors

32. *Le NK (student first-author)*, **Reina Ortiz M**, Hernandez I, Rosas C, Sharma V, Teran S, Naik E, Salihi HM, Teran E, Izurieta R. Risky Sexual Behaviors Associated with Human Immunodeficiency Virus Transmission among Pregnant Ecuadoreans. Abstract Number 25. International Journal of Academic Medicine 2018; 4(3):334.
33. *Sharma V (student first-author)*, **Reina Ortiz M**, Marhefka S. Post-earthquake HIV risk and mental health: Perceived inequities and resilience among adolescents in Nepal. Journal of Adolescent Health 2018; 62:S109.
34. *Chee V (student first-author)*, Wright I, Hernandez I, **Reina-Ortiz M**, *Bejarano S*, Flores M, Teran E, Izurieta R, Baldwin J, Martinez-Tyson D. SUN-P180: "La Desculturización": Perceptions on Traditional Diet and Nutritional Transition Among Indigenous Communities of Ecuador. Clinical Nutrition 2017; 36(1):S120.
35. Hernandez I, **Reina M**, Rosas C, Sharma V, Izurieta R, Teran E. Predictors of HIV-related knowledge and risk behavior among school-attending teenagers in Esmeraldas, Ecuador. Tropical Medicine & International Health 2015; 20 (Suppl. I):285.
36. Hernandez I, *Adegoke K*, Rosas C, Ochoa T, **Reina M**, Sharma V, Izurieta R, Teran E. Prevalence of STI/HIV and factors associated with STI among female sex workers in Ecuador. Tropical Medicine & International Health 2015; 20 (Suppl. I):285.
37. **Reina Ortiz M**, Sharma V, Izurieta R. Geographic Information System-based modeling of the HIV/AIDS epidemic in Ecuador using nationally collected data. The American Journal of Tropical Medicine and Hygiene 2015; 93 (4\_Suppl):145 (484).



## Manuscripts under peer-review/in submission process

*Italics for student authors*

1. **Reina Ortiz M**, *Chacreton D, Lara D*, Hoare I, Izurieta R. Impact of Hurricane Irma on Arboviral Transmission in Florida. To be submitted to MMWR.
2. **Reina Ortiz M**, *Patel J*, Hernandez I, Flores M, *Bejarano S, Chee V*, Teran E, Izurieta R, Baldwin J, Martinez Tyson D. Using Geographic Information Systems to enhance understanding of community assets: The GECAM methodology. To be submitted to the American Journal of Public Health.

## Preprints

*Italics for student authors*

1. **Reina Ortiz M**, Sharma V. Modeling the COVID-19 outbreak in Ecuador: Is it the right time to lift social distancing containment measures? **Note:** available as a preprint on Medrxiv: <https://www.medrxiv.org/content/10.1101/2020.05.21.20109520v1>
2. *Le NK (student first-author)*, Le A, Brooks JP, Khetpal S, Liauw D, Izurieta R, **Reina Ortiz M**. Impact of government-imposed social distancing measures on COVID-19 morbidity and mortality around the world. Submitted to the Bulletin of the World Health Organization. **Note:** available as a preprint on: [https://www.who.int/bulletin/online\\_first/20-262659.pdf](https://www.who.int/bulletin/online_first/20-262659.pdf)

## Books (Co-editor)

1. Masys A, Izurieta R, **Reina Ortiz M** (Eds). Global Health Security: Recognizing Vulnerabilities, Creating Opportunities. Springer International Publishing. Springer Nature. doi: 10.1007/978-3-030-23491-1. eBook ISBN: 978-3-030-23491-1. Hardcover ISBN: 978-3-030-23490-4.

## Books (Textbook Chapters)

1. Izurieta R, **Reina Ortiz M**, Ochoa-Capello T. 2018. *Trichuris trichiura* (on line). In: J.B. Rose and B. Jiménez-Cisneros, (eds) Global Water Pathogen Project. <http://www.waterpathogens.org> (Robertson, L (eds) Part III: Specific Excreted Pathogens – Section IV Helminths) <http://www.waterpathogens.org/book/trichuris-trichiura> Michigan State University, E. Lansing, MI, UNESCO. doi: <https://doi.org/10.14321/waterpathogens.43>  
Acknowledgements: K.R.L. Young, Project Design editor; Website Design (<http://www.agroknow.com>)
2. **Reina Ortiz M**. Zika Virus: An emerging threat. In: Izurieta R (ed) Emerging Infectious Diseases. 2018. <https://tophat.com/marketplace/science-&-math/biology/textbooks/emerging-infectious-diseases-ricardo-izurieta-ismael-hoare/3229/110186/>

## Reports

1. Paudel D, Melendez KA, Chacreton D, Das TK, **Reina Ortiz M**, Kwon C. Measuring the Impact of the Large-scale Adoption of Ridesharing on the Spread of Infectious Diseases. Center for Transportation, Environment, and Community Health Final Report. Published: Mar 31, 2021.





2. HIV Syndemics Research Team. 2017. Indigenous Health & HIV. Executive Summary: Imbabura, Ecuador. The Syndemic Nature of HIV/AIDS Among Indigenous Populations in Latin America: Risk and Resilience.

### Oral and Poster Presentations in Scientific/Academic Conferences

*Italics* for student authors, underlined for community partner authors, \* = presenting author, + = corresponding author

1. **Reina Ortiz M**, *Gertz A, Saint-Cyr N*, Vasquez M, Wint K, Francois MJ, Chen H, Martinez Tyson D, Marhefka S, Thirumurthy. Systematic Literature Review of Traditional Economic Approaches to Improve Retention in Care for HIV (RICH). Accepted for poster presentation in the American Public Health Association (APHA) 2022 Annual Meeting & Expo. To be held in Boston, MA on Nov 6-9, 2022.
2. *Chipman C, Carattini I, Silva-Sobrinho R, Reina Ortiz M, Hoare I*. Effect of SARS-CoV-2 Prevention Measures on Mental and Financial the Health Parana, Brazil. Accepted for poster presentation in the American Public Health Association (APHA) 2022 Annual Meeting & Expo. To be held in Boston, MA on Nov 6-9, 2022.
3. *Hernández S, Garza C, Martinez Tyson D, Izurieta R, Reina Ortiz M, Salinas A, Hoare I, Calvo A*. Salud Latina USF Webinar Series Evaluation. Accepted for poster presentation in the American Public Health Association (APHA) 2022 Annual Meeting & Expo. To be held in Boston, MA on Nov 6-9, 2022.
4. **Reina Ortiz M\***, *Gertz A, Saynt-Cyr N, Vasquez M, Wint K, Francois MJ*, Chen H, Martinez Tyson D, Marhefka-Day S, Thirumurthy H. Leveraging Economics to optimize retention in Care for HIV: A Systematic Review. Accepted for Poster Presentation at the American Society of Tropical Medicine & Hygiene (ASTMH) 2022 Annual Meeting to be held in Seattle, Washington on Oct 30-Nov 3, 2022.
5. *Gertz A, Saint-Cyr N, Vasquez M, Wint K, Francois MJ, Chen H, Martinez Tyson D, Marhefka S, Thirumurthy H*, **Reina Ortiz M**.\* I do not need to be [intrinsically] motivated: Feasibility and acceptability of a behavioral economics-based intervention to optimize retention in HIV Care among Latinos Living with HIV in Florida. Submitted to the Fast-Track Cities 2022 Conference. To be held in Seville, Spain on October 11-13, 2022.
6. Saint-Cyr N, Gertz A, **Reina Ortiz M**,+ Vasquez M, Wint K, Francois MJ, Henian C, Martinez Tyson D, Phan P, Macis M, Marhefka S, Thirumurthy H. Incentive-based Interventions to Improve HIV Prevention/Control: a Scoping Review. Submitted to the 2022 Orange County Ending the HIV Epidemic Summit. To be held in Orlando, FL on Sep 13-14, 2022.
7. **Reina Ortiz M**,+ *Gertz A, Saint-Cyr N*, \* Vasquez M, Wint K, Francois MJ, Chen H, Martinez Tyson D, Marhefka S, Thirumurthy H. A systematic review of behavioral economic-based interventions to improve HIV prevention, retention in care, and viral suppression for people at risk for or living with HIV/AIDS. 2022 Academic International Medicine Annual Congress. Virtually held, Jun 9-12, 2022.  
**Best Original Research Presentation Award presented to student (see CV's mentoring section).**



8. *Ruiz E, Martínez-Tyson D, Izurieta R, **Reina-Ortiz M**, Salinas A, Hoare I, Calvo A.* Spanish-Language COVID-19 Vaccine Information and YouTube: A Digital Media Content Analysis. 2022 USF Social Marketing Conference. Clearwater, FL. May 27-28, 2022.
9. *Rolle L, Nabours B, Martínez-Tyson D, Izurieta R, **Reina-Ortiz M**, Salinas A, Hoare I, Calvo A.* Salud Latina USF Webinar series evaluation. Presented in USF Health Research Day. Tampa, FL. Feb 25, 2022.
10. *Hernandez-Bojorge S, Garza C, Osorio T, Martínez-Tyson D, Izurieta R, **Reina-Ortiz M**, Salinas A, Hoare I, Calvo A.* University of South Florida's College of Public Health "Salud Latina" Initiative to Address Health Disparities among Latinx communities in the US and abroad. Presented in USF Health Research Day. Tampa, FL. Feb 25, 2022.
11. **Reina Ortiz M\*+,** Hoare I, *Chacreton D, Le NK, Izurieta R.* Impact of Government-imposed Social Distancing Measures on COVID-19 Morbidity and Mortality Around the World. American Society of Tropical Medicine & Hygiene (ASTMH) 2021 Annual Meeting. Virtual, November 17-21, 2021.
12. Calvo A, Martinez-Tyson D, **Reina Ortiz M**, Salinas A, Izurieta R, Hoare I. University of south Florida's "Salud Latina" initiative to address health disparities among Latinx communities in the US and abroad. American Public Health Association (APHA) 2021 Annual Meeting & Expo. Denver, CO on October 24-27, 2021.
13. *Campos A, Wilson R, Macis M, Izurieta R, Teran E, Grunauer M, **Reina Ortiz M**, Phan P.* Financial incentives for HIV testing uptake: Is money enough? a post hoc analysis. Accepted for Poster Presentation in the American Public Health Association (APHA) 2021 Annual Meeting & Expo. Denver, CO on October 24-27, 2021.
14. Hoare I, Hoare O, **Reina Ortiz M.** We feed mostly on the....things that we grow: The role of cultural identity and diabetes in southern Belize. Accepted for Oral Presentation in the American Public Health Association (APHA) 2021 Annual Meeting & Expo. Denver, CO on October 24-27, 2021.
15. *Chacreton D, **Reina Ortiz M**, Hoare I.* Evaluating the effect of national-level social distancing on the onset of peak sars-cov-2 daily case incidence. Accepted for Oral Presentation in the American Public Health Association (APHA) 2021 Annual Meeting & Expo. Denver, CO on October 24-27, 2021.
16. Sharma V, Lopez-Quintero C, Marhefka S, Baldwin J, Levin B, Rahill G, Luitel A, **Reina Ortiz M.** Intersections of Discrimination: Casteism and Mental Health Outcomes among College-Attending Nepali Earthquake Survivors. American Psychopathological Association Virtual Meeting, 2021.
17. **Reina Ortiz M\*+,** Hoare I, *Chacreton D, Lara D, Izurieta R.* Impact of Hurricane Irma on Arboviral Transmission in Florida. American Society of Tropical Medicine & Hygiene (ASTMH) 69<sup>th</sup> Annual Meeting. Scheduled to be held in Toronto, Canada [held virtually due to COVID-19]. November 15-19, 2020.
18. **Reina Ortiz M\*+,** Grunauer M, Gutierrez E, Izurieta R, Rosas C, Macis M, Phan P, Teran E. Economic incentives and not behavioral nudges increase voluntary HIV testing among pregnant women in high-burden urban settings in a LMIC. Oral presentation in the American Public Health Association (APHA) 2020 Annual Meeting & Expo [held virtually because of COVID-19]. October 24-28, 2020.



19. **Reina Ortiz M\*+**, Pracht E, Hoare I, Salinas A, Thomas N, *Kurji, N*. Post-hurricane behavioral disorders: health disparities in rates of Florida inpatient episodes between 1991 and 2014. Accepted for presentation in the American Public Health Association (APHA) 2020 Annual Meeting & Expo [held virtually because of COVID-19]. October 24-28, 2020.
20. **Reina Ortiz M\*+**, Sharma V, Hoare I, Casanova J, Corvin J. Developing Global Health Diplomacy Skills in a Professional Global Health Program. Accepted to the 2020 Annual Meeting of the Association of Schools & Programs of Public Health, VA, USA. March 18-20, 2020. Conference cancelled due to COVID-19.
21. *Parikh JU*, **Reina Ortiz M**, Izurieta R. Evaluating the relationship between introduction of acellular pertussis vaccine and whooping cough re-mergence in the United States. Abstract accepted for poster presentation. American Society of Tropical Medicine & Hygiene (ASTMH) 68<sup>th</sup> Annual Meeting. National Harbor, MD, USA. November 20-24, 2019.
22. *Sharma V*, **Reina Ortiz M**. Chhaupadhi: Views on an ancestral practice that negatively impacts reproductive health and deteriorates women's rights. Poster Presentation. American Public Health Association (APHA) 2019 Annual Meeting & Expo. Philadelphia, PA, USA. November 2-6, 2019.
23. *Kloppenburg B*, Hoare I, *Sharma V*, Izurieta R, **Reina Ortiz M\***. Evaluating the association between canton-level Zika virus transmission and internally displaced populations size in post-earthquake Ecuador. Oral Presentation. American Public Health Association (APHA) 2019 Annual Meeting & Expo. Philadelphia, PA, USA. November 2-6, 2019.
24. *Sharma V*, **Reina Ortiz M\***, Hoare I, Thomas N, Salinas A. Reproductive behavior in post-earthquake Nepal: A comparison using a national-level survey. Oral Presentation. American Public Health Association (APHA) 2019 Annual Meeting & Expo. Philadelphia, PA, USA. November 2-6, 2019.
25. **Reina Ortiz M**, Hoare I, Chacreton D, Lara D, Izurieta R. Evaluating the impact of hurricane Irma on arboviral activity in Florida. Roundtable Presentation. American Public Health Association (APHA) 2019 Annual Meeting & Expo. Philadelphia, PA, USA. November 2-6, 2019.
26. **Reina Ortiz M\***, *Patel J*, Hernandez I, Flores M, Bejarano S, et al. Enhancing Community Asset Mapping methods by incorporating Geographic Information Systems techniques. Poster Presentation. American Public Health Association (APHA) 2019 Annual Meeting & Expo. Philadelphia, PA, USA. November 2-6, 2019.
27. Hoare I, **Reina Ortiz M**, Izurieta R. Human Resources for Health: A Threat and Opportunity for Belize. Abstract presented in the 2<sup>nd</sup> Belize National Research Conference. Belmopan, Belize. April 3-4, 2019.
28. *Redmond B*, **Reina Ortiz M\***. Civil Conflict and Urban Agriculture in the Sub-Saharan Tropics: The Democratic Republic of the Congo as a Case Study. Poster Presentation. American Society of Tropical Medicine & Hygiene (ASTMH) 67<sup>th</sup> Annual Meeting. New Orleans, LA, USA. Oct. 28 – Nov. 1, 2018.
29. *Le N*, **Reina Ortiz M**, Hernandez I, Rosas C, Sharma V, Teran S, Naik E, Salihi HM, Teran E, Izurieta R. Risky Sexual Behaviors Associated with Human Immunodeficiency Virus Transmission among



Pregnant Ecuadoreans. Abstract presented in the 2018 Annual Meeting of the American College of Academic International Medicine (Academic International Medicine 2018 Congress). New York, NY, USA. July 27-29, 2018.

30. Macis M, Cuero Caicedo D, Gutierrez E, Grunauer M, Izurieta R, Phan P, **Reina Ortiz M+**, Rosas C, Terán E. "Improving voluntary HIV testing in low and middle income countries (LMIC): A report from a field experiment in Ecuador". Poster presentation. 22<sup>nd</sup> International AIDS Conference (AIDS 2018). Amsterdam, the Netherlands. July 23-27, 2018.
31. Grunauer M, Izurieta R, Macis M, Phan P, **Reina Ortiz M\***, Teran E. Nudges and Incentives for HIV Testing: A Field Experiment in Ecuador. Abstract accepted for oral at the 2018 Annual Meeting of the American Society of Health Economists (Abstract #5635). Atlanta, GA, USA. June 10-13, 2018.
32. *Sharma V*, **Reina-Ortiz M**, Marhefka S. Post-earthquake HIV risk and mental health: Perceived inequities and resilience among adolescents in Nepal. Poster presentation. 2018 Annual Meeting of the Society for Adolescent Health and Medicine (SAHM) in Seattle, WA, USA. March 14-17, 2018.
33. *Chee V*, Calvo A, Terán E, Wright L, **Reina-Ortiz M**, Izurieta R, Hernandez I, Bejarano S, Rebolón A, Baldwin J, Flores M, Yamberla N, Martinez-Tyson D. La Desculturización versus La Desnutrición: Nutritional Concerns within Indigenous Communities in Ecuador and Panama. Poster presentation. American Public Health Association (APHA) 2017 Annual Meeting & Expo. Atlanta, GA, USA. Nov 4-8, 2017.
34. **Reina Ortiz M\***, Mejia ME, *Sharma V*, Naik E, Salihu H, Hoare I, Izurieta R. Post-earthquake Zika Virus surge in tropical lowlands of Ecuador: an analysis of population-based incident cases from January to July 2016 (Abstract LB-5150). Oral presentation. American Society of Tropical Medicine & Hygiene (ASTMH) 65<sup>th</sup> Annual Meeting. Atlanta, GA, USA. November 13-17, 2016.
35. *Chee V*, Wright L, Hernandez I, **Reina-Ortiz M**, Bejarano S, Flores M, Teran E, Izurieta R, Yamberla N, Baldwin J, Martinez-Tyson D. "La Desculturización" – Perceptions of diet and nutritional change among indigenous communities in Ecuador. Oral presentation. American Public Health Association (APHA) 2016 Annual Meeting & Expo. Denver, CO, USA. Oct 29-Nov 2, 2016.
36. *Bejarano S*, *Chee V*, Hernandez I, Flores M, *Yamberla N*, **Reina-Ortiz M**, Teran E, Izurieta R, Baldwin J, Martinez-Tyson D. Applying syndemic theory to assess risk factors for HIV/AIDS in the Indigenous communities of Imbabura, Ecuador. Poster presentation. American Public Health Association (APHA) 2016 Annual Meeting & Expo. Denver, CO, USA. Oct 29-Nov 2, 2016.
37. **Reina Ortiz M\***, Jacob B, Castillo Vera J, Diaz C, Izurieta R. Identifying Potential Malaria Vaccine Needs Based on Geospatial Analysis of Malaria Infection in Esmeraldas, Ecuador. Poster presentation. Third International Conference Vaccinology in the Tropics. Panama City, Panama. January 20-22, 2016.
38. **Reina Ortiz M**, Hernandez I, Sharma V, et. al. Predictors of HIV-related Knowledge and Risk Behavior among school-attending teenagers in Esmeraldas, Ecuador. Oral presentation. American Public Health Association (APHA) 2016 Annual Meeting & Expo. Chicago, IL, USA. Oct 31 - Nov 4, 2015.



39. **Reina Ortiz M\***, Sharma V, Izurieta R. GIS-based modeling of the HIV/AIDS epidemic in Ecuador using nationally collected spatiotemporal screening and testing data. Poster presentation. American Public Health Association (APHA) 2016 Annual Meeting & Expo. Chicago, IL Oct 31 - Nov 4, 2015.
40. *Adegoke K*, Hernandez I, Ochoa T, Rosas C, Sharma V, **Reina M**, Teran E and Izurieta R. Prevalence of STI/HIV and factors associated with STI among female sex workers in Ecuador. Oral presentation. American Public Health Association (APHA) 2016 Annual Meeting & Expo. Chicago, IL Oct 31 - Nov 4, 2015.
41. **Reina Ortiz M\***, Castillo R, Valencia J, Diaz C, Quinonez M, Espinel M, Milhous W, Kwa B, Izurieta R. Defining early malaria treatment and its association with follow-up gametocytemia in Esmeraldas, Ecuador. Accepted for poster presentation at the Annual Meeting of the American Society of Tropical Medicine & Hygiene 64th Annual Meeting. Philadelphia, PA, USA. October 25-29, 2015.
42. Johnson A, Hernandez I, Ochoa T, Rosas C, Sharma V, **Reina Ortiz M**, Teran E, Izurieta R. Risk factors associated with HIV in MSM in Ecuador. XVII Congress of the Pan-American Association of Infectology. Quito, Ecuador. May 15-19, 2015.
43. Adegoke K, Hernandez I, Ochoa T, Rosas C, Sharma V, **Reina Ortiz M**, Teran E and Izurieta R. Knowledge, behaviors and factors associated with HIV among female sex workers in Esmeraldas, Ecuador. XVII Congress of the Pan-American Association of Infectology. Quito, Ecuador. May 15-19, 2015.
44. Sharma V, **Reina Ortiz M**, Rosas C, et. al. Association between gender and STIs/HIV knowledge and risk behaviors among youth in Esmeraldas, Ecuador. USF Health Research Day. Tampa, FL, USA. February 20<sup>th</sup>, 2015.
45. **Reina Ortiz M\***, Sharma V, Baldwin J, Izurieta R. Social and Structural determinants of HIV in Ecuador: An Analysis of the syndemic nature of HIV/AIDS and alcohol abuse among adolescents and young adults. NIAA Conference on Alcoholism, HIV and Other Comorbidities. Bogota, Colombia. June 5-6, 2014.
46. **Reina Ortiz M\***, Caliskan S., Jacob B., et al. Using Parish-level Prevalence Data within a GIS Environment to Understand and Predict Malaria Activity Foci in the Province of Esmeraldas, Ecuador. Abstract accepted for poster presentation at the 6<sup>th</sup> International Congress of the Society for Vector Ecology. La Quinta, CA, USA. September 22-27, 2013.
47. **Reina Ortiz M\***, Sharma V., Izurieta R. HIV Epidemics in Latin-America and its Lessons for the Asia Pacific Region. Abstract accepted for poster presentation at the 11th International Conference of AIDS in the Asia Pacific. Bangkok, Thailand. November 18-22, 2013.
48. Sharma V., **Reina Ortiz M\***, Marquez R. Role of Church in Strengthening HIV/AIDS and STI Prevention: Lessons to the Asia-Pacific. Abstract accepted for poster presentation at the 11th International Conference of AIDS in the Asia Pacific. Bangkok, Thailand. November 18-22, 2013.
49. **Reina Ortiz M\***, Acosta M., Sharma V., et al. Can Medical Male Circumcision for HIV prevention be implemented in a completely different context? Abstract accepted for poster presentation at the 11th International Conference of AIDS in the Asia Pacific. Bangkok, Thailand. November 18-22, 2013.



50. Sharma V, **Reina Ortiz M\***, Izurieta R. Exploring GIS-Based Methods in HIV Monitoring: Ecuador as a Case Study for the Asia Pacific Region. Abstract accepted for poster presentation at the 11th International Conference of AIDS in the Asia Pacific. Bangkok, Thailand. November 18-22, 2013.
51. Izurieta R, **Reina Ortiz M.** Ecuador: A Key Partner from the Center of the World. Global Health Showcase. University of South Florida. October 17, 2012.
52. **Reina Ortiz M\***, Izurieta R. Malaria in Panama: A Brief Historical Perspective. Abstract Accepted for oral presentation at the II National Meeting of Tropical Medicine and Research in Quito, Ecuador. June 20-22, 2012.
53. **Reina Ortiz M\***, Sharma V, Izurieta R. Ecuador Progress Towards MDG5. Abstract Accepted for oral presentation at the II National Meeting of Tropical Medicine and Research in Quito, Ecuador. June 20-22, 2012.
54. **Reina Ortiz M\***, Sharma V. HIV Prevalence in Asia and the Pacific: an Ecological Approach to Inequalities in the Region. Oral presentation at the 2012 Population Association of America. San Francisco, CA, USA. May 3-5 2012.
55. **Reina Ortiz M\***, Sharma V, Lohani S. Health inequalities and HIV Risky Sexual Behavior in Nepalese Population. Abstract accepted for poster presentation in the 10th International Congress on AIDS in Asia and the Pacific. Busan, Republic of Korea. August 26-30, 2011
56. **Reina Ortiz M\***. Immunity to *Ascaris lumbricoides* in schoolchildren of rural Ecuador. Oral presentation at the XIX Latin-American Congress on Microbiology. Quito, Ecuador. October 15-18, 2008
57. **Reina Ortiz M\***. The modified Th2 response and its relation to helminthiases. Oral presentation at the IV SCAALA Seminar, Instituto de Saude Coletiva, Universidade Federal da Bahia. Salvador, Brazil. June, 2008.

### Non-refereed articles

1. Izurieta R & **Reina-Ortiz M.** In: Featured Q & A. Can Venezuela Cope With a New Disease Epidemic? The Latin America Advisor. A Daily Publication of the Dialogue. Inter-American Dialogue. Available at: <http://advisor.thedialogue.org/wp-content/uploads/2018/05/LAA180510.pdf>. Last accessed Nov 11, 2019. Thursday, May 10, 2018. Washington D.C., USA.
2. Izurieta R & **Reina-Ortiz M.** In: Featured Q & A. Can South America Stop New Diseases Spread by Mammals? The Latin America Advisor. A Daily Publication of the Dialogue. Inter-American Dialogue. Available at: <http://www.thedialogue.org/wp-content/uploads/2017/07/LAA170706.pdf>. Last accessed Nov 11, 2019. Thursday, July 6, 2017. Washington D.C., USA.
3. **Reina Ortiz M, Sharma V.** Ebola: From Fever to fever and from victory to victory. Article published in the College of Public Health News, USF, Tampa, Fl. Available at <http://hscweb3.hsc.usf.edu/health/publichealth/news/fever-fever-victory-victory/>. Nov, 2014.



4. **Reina Ortiz M.** La fiebre del mundial podría no ser el gol I. Opinion article published in Diario La Hora on July 8, 2014. Esmeraldas – Ecuador.
5. **Reina Ortiz M.** La fiebre del mundial podría no ser el gol II. Opinion article published in Diario La Hora on July 18, 2014. Esmeraldas - Ecuador

### International Talks | Invited Speaker/Moderator (Symposia, Panels, etc.)

1. **Hablemos de Salud Mental durante la Pandemia. Reina Ortiz, M: Moderator.** Webinar for the Latino Health Initiative, College of Public Health, University of South Florida. January 27, 2022. Tampa, FL [held online]. Recording available [here](#).
2. **Global Health Diplomacy: Cosmopolitan moments as drivers of international health negotiations.** Lecture for the ASTMH Committee on Global Health (ACGH) Symposium I - Global Health Diplomacy I. COVID-19 as a Cosmopolitan Moment: Leveraging Global Health Diplomacy for Pandemic Preparedness and Response. American Society of Hygiene and Tropical Medicine 2021 Annual Meeting. November 19, 2021. National Harbor, MD.
3. **COVID-19: Microbiology and Public Health Implications.** (Moderator). Student Global Health Conversation Series. USF Health International & Global Virus Network. November 18, 2021. Tampa, FL [held online]. Recording available [here](#). (3 views as of December 5, 2021).
4. **El cuidado de pacientes con la TBC con un enfoque de la justicia social determinantes de Salud.** (Moderator). Inaugural Global Health Conversation Series – Spanish. USF Health International & Global Virus Network. November 18, 2021. Tampa, FL [held online]. Recording available [here](#). (16 views as of December 5, 2021).
5. **Hablemos sobre el Impacto Social de COVID-19. Reina Ortiz, M: Mental Health.** Webinar for the Latino Health Initiative, College of Public Health, University of South Florida. June 24, 2021. Tampa, FL [held online]. Recording available [here](#). (181 views as of December 5, 2021).
6. **Hablemos de las Variantes de COVID-19.** Webinar for the Latino Health Initiative, College of Public Health, University of South Florida. May 27, 2021. Tampa, FL [held online]. Recording available [here](#). (245 views as of December 5, 2021).
7. **Role of Mathematical Models in Forecasting and Management of the COVID-19 Pandemic.** (Moderator). Global Health Conversation Series. USF Health International & Global Virus Network. November 18, 2021. Tampa, FL [held online]. Recording available [here](#). (25 views as of December 5, 2021).
8. **Hablemos sobre Tratamientos de COVID-19.** Webinar for the Latino Health Initiative, College of Public Health, University of South Florida. April 28, 2021. Tampa, FL [held online]. Recording available [here](#). (226 views as of December 5, 2021).
9. **The Merging of Two Crises: The Impact of Covid 19 on the Global Refugee Crisis.** (Moderator). Global Health Conversation Series. USF Health International & Global Virus Network. November 18, 2021. Tampa, FL [held online]. Recording available [here](#). (46 views as of December 5, 2021).



10. **Experiences translating biosafety measures to the home environment in the context of COVID-19.** Presented in the International Congress on Occupational and Safety Health Agencies 2020. December 18, 2020. Antalya, Turkey [held online due to COVID-19].
11. **COVID-19 in Latin America: Applied Research and Future Perspectives.** Lecture for the Seminário Mestrado Acadêmico em Virologia. Universidade FEEVALE. Nova Hamburgo, Brazil [virtually held]. November 20, 2020.
12. **Epidemic deterministic models of COVID-19 for Ecuador: assessing impact of reversing social distancing measures.** Presented in the COVID-19 and Migration in the Americas: Research and Practice Virtual Symposium. I also co-organized this event (see under Organization of Academic Events). UNINORTE, Barranquilla, Colombia and USF [virtually held]. November 12, 2020. Recording available [here](#) (305 views as of July 6, 2021).
13. **Apart Together: Impact of COVID-19 in migrant populations. Preliminary results.** Presented in the COVID-19 and Migration in the Americas: Research and Practice Virtual Symposium. I was a co-speaker on this talk with Beatriz Padilla. I also co-organized this event (see under Organization of Academic Events). UNINORTE, Barranquilla, Colombia and USF [virtually held]. November 12, 2020. Recording available [here](#) (305 views as of July 6, 2021).
14. **Modeling COVID-19 in Ecuador: Evaluating the Impact of Reversing Social Distancing Measures in Spring/Summer 2020.** Lecture for the Pre-Meeting Course of the American Society of Tropical Medicine & Hygiene (ASTMH) Committee on Global Health (ACGH), titled “Modeling for Disease Outbreaks Practical Approaches to Understanding and Using Models”. Scheduled to be held in Toronto, Canada [virtually held]. November 11, 2020.
15. **COVID-19: actualización y perspectivas para el futuro.** [on line]. Pontificia Universidad Católica del Ecuador Sede Esmeraldas (PUCESE). August 20, 2020.
16. COVID-19 en el Ecuador y el Mundo Lecture Series. Epidemiología y Economía - Nueva Normalidad. **Lecture title: Modelos Epidemiológicos de COVID-19 en Ecuador.** [on line]. Academia Ecuatoriana de Medicina and Universidad San Francisco de Quito. June 17, 2020. Recording available [here](#) (1.7K views as of November 13, 2020).
17. **Impacts of COVID-19 on Immigrants and Refugees in the United States.** A Virtual Roundtable [on line]. The Initiative on Social Work and Forced Migration. Robert Stempel College of Public Health & Social Work. Florida International University. June 9th, 2020. Recording available [here](#) (187 views as of September 29, 2020).
18. **2019-nCov: Biology, Epidemiology and Prevention.** Sub-Dirección de Docencia e Investigación. Hospital General del Sur de Quito IESS. Quito. February 11, 2020.
19. **Situación actual del VIH/SIDA: acciones globales para la aplicación local.** Pontificia Universidad Católica del Ecuador – Sede Esmeraldas. Esmeraldas, Ecuador. January 23rd, 2020. Estimated Live Attendance: 150. Recording available [here](#) (1.2 K as of December 5, 2021).





20. **Global Health Security Panel**. 2<sup>nd</sup> Clinical Congress Connecting Health with Care & 1<sup>st</sup> Annual Scientific Forum. The American College of Academic International Medicine (ACAIM). Clearwater, FL. July 28<sup>th</sup>-30<sup>th</sup> 2017.
21. **Global Health in the 21st century: enabling and fostering international collaboration**. Universidad San Francisco de Quito. Quito, Ecuador. October 2015. Estimated Attendance: 25.
22. **Microarray technologies uses in immunological research**. First Immuno-epidemiology Course, Universidade Federal da Bahia. Salvador Bahia, Brazil. June 2008. Estimated Attendance: 50.

### Organization of Academic Events

1. **Support Organizer**. ASTMH Committee on Global Health (ACGH) Symposium – Role of Women in Global Health. American Society of Hygiene and Tropical Medicine 2022 Annual Meeting. To be held in Seattle, WA. Oct 30 - Nov 3, 2022.
2. **Chair**. Scientific Session 24: Global Health Security. American Society of Hygiene and Tropical Medicine 2021 Annual Meeting. Nov. 18, 2021. Virtual.
3. **Chair/Symposium Organizer**. ASTMH Committee on Global Health (ACGH) Symposium I - Global Health Diplomacy I. COVID-19 as a Cosmopolitan Moment: Leveraging Global Health Diplomacy for Pandemic Preparedness and Response. American Society of Hygiene and Tropical Medicine 2021 Annual Meeting. Nov 19, 2021. Virtual.
4. **President/Chair**. ASTMH Committee on Global Health Annual Business Meeting. American Society of Hygiene and Tropical Medicine 2021 Annual Meeting. Nov 19, 2021. Virtual.
5. **President/Chair**. ASTMH Committee on Global Health Council Meeting. American Society of Hygiene and Tropical Medicine 2021 Annual Meeting. Nov 12., 2021. Virtual.
6. **Co-organizer**. COVID-19 and Migration in the Americas: Research and Practice. Virtual Symposium. Universidad del Norte (Barranquilla, Colombia) and University of South Florida.
7. **Co-Chair**. ASTMH Committee on Global Health (ACGH) Symposium Pathogen Metagenomics in the Developing World: Four stories in four countries. American Society of Hygiene and Tropical Medicine 2020 Annual Meeting. Held online due to COVID-19.
8. **Co-Chair**. Field Applications for Stopping Infectious Disease Threats at International Points of Entry. ASTMH Committee on Global Health (ACGH) Pre-Meeting Course. American Society of Hygiene and Tropical Medicine 2019 Annual Meeting. Nov 20<sup>th</sup>, 2019. National Harbor, MD.



9. **Co-chair.** The Economics of Health and Disease: Making the Case for Global Health Spending. ASTMH Committee on Global Health (ACGH) Pre-Meeting Course. American Society of Hygiene and Tropical Medicine 2017 Annual Meeting. Nov 5<sup>th</sup>, 2017. Baltimore, MD.
10. **Director & Theory/Lab Instructor.** Introduction to Public Health GIS Workshop. Kathmandu University School of Medicine. Kathmandu, Nepal. May 2016. *Note: list of lectures provided in Teaching section.*
11. **Director & Theory/Lab Instructor.** Introduction to Public Health GIS Workshop. Tribhuvan University School of Psychology. Kathmandu, Nepal. May 2016. *Note: list of lectures provided in Teaching section.*
12. **Director & Theory/Lab Instructor.** Introduction to Public Health GIS Workshop. Tribhuvan University School of Social Work. Kathmandu, Nepal. May 2016. *Note: list of lectures provided in Teaching section.*
13. **Director & Theory/Lab Instructor.** Introduction to Public Health GIS Workshop. Tribhuvan University School of Medicine. Kathmandu, Nepal. May 2016. *Note: list of lectures provided in Teaching section.*
14. **Director & Theory/Lab Instructor.** Introduction to Public Health GIS Workshop. Prayas Pune (NGO). Pune, India. May 2016. *Note: list of lectures provided in Teaching section.*
15. **Director & Theory/Lab Instructor.** II GIS Applied to Health Workshop. Quito – Ecuador, March 14-17 2016. *Note: list of lectures provided in Teaching section.*
16. **Co-Director & Laboratory Instructor.** I GIS Applied to Health Workshop. Quito – Ecuador, October 2013. *Note: list of lectures provided in Teaching section.*



## Research Support

### SUBMITTED AND PENDING RESEARCH SUPPORT (UNDER EVALUATION)

1. Project Performance Period: 09/01/2022-04/30/2027.  
Title: Tracking the burden, distribution, and impact of Post COVID-19 conditions in diverse populations for children, adolescents, and adults (Track PCC).  
Goal: To measure the burden, distribution, and impact of PCC using data-driven approaches based on state-wide (Utah) and borough-wide (The Bronx) Health Information Exchange data.  
Funding mechanism: Tracking the burden, distribution, and impact of Post COVID-19 conditions in diverse populations for children, adolescents, and adults (Track PCC) (CDC-RFA-IP22-2203)  
Sponsor: Centers for Disease Control and Prevention (CDC).  
Direct Funds: ~ 2,000,000.  
Role: Principal Investigator.

### ONGOING RESEARCH SUPPORT

2. Project Performance Period: 08/01/2021-07/31/2023.  
Title: EnRICHing Latinos living with HIV by optimizing retention in care: a culturally responsive incentive-based intervention that leverages loss aversion and fixed financial incentives.  
Goal: To use culturally responsive methods to adapt, develop, and pilot test an incentive-based intervention that leverages loss aversion and fixed financial incentives to optimize retention in HIV care (RICH) among Latinos living with HIV (LLHIV).  
Funding mechanism: CFAR ADeLANTE Mentoring New HIV//AIDS Investigators to Meet the Needs of Hispanic/Latino Communities.  
Sponsor: NIH via Emory University flow through (NIH-funded Centers for AIDS Research at Emory University and District of Columbia).  
Direct Funds: 200,000.  
Role: Principal Investigator.
3. Period: Spring 2021, for two years.  
Title: unCoVer: an international network (over 15 institutions in Europe, Asia, and the Americas) using real-world COVID-19-related data to study patient's characteristics, risk factors, safety and effectiveness of treatment.  
Goal: To harvest real-world data derived from the response and provision of care to patients by the health systems across Europe, and internationally during the COVID-19 to identify COVID-19 clinical and epidemiological patterns and knowledge gaps.  
Funding Program: Networking of existing EU and international cohorts of relevance to COVID-19. Framework: Horizon 2020.  
Sponsor: Horizon 2020 - European Union Commission.  
Note: European Commission rules do not allow for funds to be allocated to US-based investigators.  
Role: Co-investigator (Penalvo J, PI).



## COMPLETED RESEARCH SUPPORT

1. *Project Performance Period:* 10/01/2019-03/31/2021.  
*Title:* Measuring the Impact of the Large-scale Adoption of Ridesharing on the Spread of Infectious Diseases.  
*Goal:* To measure the impact of the large-scale adoption of ridesharing on the spread of infectious diseases by building an agent-based simulation model. Our agent-based simulation model will capture the patterns of ridesharing and various probabilistic spread of infectious diseases within ridesharing networks as well as within social and residential communities.  
*Funding mechanism:* Center for Transportation, Environment, and Community Health (CTECH).  
*Sponsor:* United States Department of Transportation via the Center for Transportation, Environment, and Community Health (CTECH). Cornell University & University of South Florida.  
*Direct funds:* 70,000.00 USD.  
*Role:* Co-Principal Investigator. (Changhyun Kwon, PI)
2. *Project Performance Period:* 2019-2021  
*Title:* "Disease conceptualization among Amerindian and African Diaspora populations: Interactions between non-communicable and infectious diseases on health outcomes in the Americas".  
*Goal:* Explore how Amerindian and African Diaspora populations in Belize conceptualize disease using HIV and Diabetes as a model.  
*Funding mechanism:* COPH Interdisciplinary Team Award Application.  
*Sponsor:* COPH, University of South Florida.  
*Requested funding:* 83,858.00 USD. [Suspended due to COVID-19].  
*Role:* Co-Principal Investigator. Hoare I (PI).
3. *Project Performance Period:* 08/01/2018-08/01/2020.  
*Title:* Evaluating the impact of Hurricane Irma on the detection rates of vector-borne infectious agents in the State of Florida.  
*Goal:* To assess how Hurricane Irma affected the transmission dynamics of vector-borne diseases in the State of Florida.  
*Funding Mechanism:* USF COPH Faculty Research Award.  
*Sponsor:* USF College of Public Health.  
*Budget:* 49,834 USD.  
*Role:* Principal Investigator.
4. *Project Performance Period:* 06/01/2016-05/31/2018  
*Title:* Behavioral Nudges, Information And Incentives for HIV Testing: A Field Experiment in Ecuador.  
*Goal:* To use an experimental design to evaluate which strategy would lead to increase uptake of HIV testing among participants in Esmeraldas, Ecuador.  
*Funding Mechanism:* Creative and Novel Ideas in HIV Research (CNIHR) Award  
*Sponsor:* International AIDS Society (IAS) in partnership with the National Institutes of Health (NIH) and the NIH-funded Centers for AIDS Research (CFAR).  
*Budget:* 371,630 USD.  
*Role:* USF Principal Investigator. Macis M (PI – Johns Hopkins University).



5. Project Performance Period: Spring 2015  
Title: Effect of timely treatment on Plasmodium gametocytemia and malaria incidence rates in the province of Esmeraldas, Ecuador.  
Goal: To evaluate the association between time-to-treatment and gametocytemia in patients diagnosed with malaria in Esmeraldas, Ecuador.  
Funding Mechanism: Institute for the Study of Latin America and the Caribbean (ISLAC) Research Award.  
Sponsor: Institute for the Study of Latin America and the Caribbean (ISLAC), USF.  
Budget: 1,500 USD.  
Role: Principal Investigator.
6. Project Performance Period: Fall 2014-2016.  
Title: The Syndemic Nature of HIV/AIDS Among Indigenous Populations in Latin America.  
Goal: To explore co-occurring epidemics of HIV, Substance Abuse and Violence in indigenous populations in Latin America.  
Funding Mechanism: College of Public Health (COPHO Research Award  
Sponsor: College of Public Health (COPH), USF.  
Budget: 100,000 USD.  
Role: Co-Investigator.
7. Project Performance Period: 2013-2015.  
Title: Testing Microfluidic Chamber as an innovative diagnostic tool for geohelminth infection.  
Goal: To assess the effectiveness of a Microfluidic Chamber to diagnose geohelminth infections.  
Role: Co-Investigator.

#### SUBMITTED RESEARCH SUPPORT APPLICATIONS (NOT FUNDED)

1. **Co-Principal Investigator.** Padilla B (PI). 2020. Afro-Latinxs in Tampa Bay, Florida: Mapping the Past and Present of the Afro-Latinx Racial Experience. Funding mechanism: USF Understanding and Addressing Blackness and Anti-Black Racism in Local, National, and International Communities Research Grants.
2. **Co-Principal Investigator.** Padilla B (PI). 2020. Barriers and facilitators to access COVID-19-related healthcare services among migrant populations in the Tampa Bay Area. Funding mechanism: USF COVID-19 Rapid Response Research Proposals.
3. **Co-Principal Investigator.** Das D (PI). 2020. Artificial-intelligence-based automatic statistical meta-analysis of rapidly expanding COVID-19 literature. Funding mechanism: USF COVID-19 Rapid Response Research Proposals.
4. **Co-Principal Investigator.** Izurieta R (PI). 2019. The *S. typhi* Information System: A Transdisciplinary Approach. Funding mechanism: Grand Challenges Explorations Round 23. Organization: Bill and Melinda Gates Foundation – Grand Challenges in Global Health. Requested funding: 100,000.00 USD.
5. **Principal Investigator.** 2019. Health Needs among Refugee Women of Iraqi/Syrian Origin in Tampa Bay. Funding mechanism: Women’s Health Collaborative Award Application. Organization: University of South Florida Women’s Health. Requested funding: 15,000.00 USD.



6. **Co-Investigator.** Izurieta R (PI). 2018. Effects of climate variability, seasonality and soil characteristics on the development, dormancy, and inactivation of Soil Transmitted Helminths (STH). Funding mechanism: Ecology and Evolution of Infectious Diseases. Organization: National Science Foundation. Requested funding: 1,187,975.00 USD.
7. **Co-Investigator.** Izurieta R (PI). 2018. Ethics Training for Health Investigators in Central And Latin-America (ETHICAL). Funding mechanism: International Research Ethics Education and Curriculum Development Award (R25), PAR-16-081. Organization: National Institutes of Health – Fogarty International Center. Requested funding: 1,538,815.00 USD.
8. **Co- Investigator.** Mukhopadhyay C (PI). 2018. Antimicrobial resistance in community settings: utilizing the One Health perspective to break resistance chain. Funding mechanism: Grand Challenges India: New Approaches to Characterize the Global Burden of Antimicrobial Resistance. Requested funding: 88,200.00 USD.
9. **Principal Investigator.** 2018. “Annavan”: Combating Malnutrition in Rural Haitian Children. Funding mechanism: Grand Challenges in Global Health Explorations, Round 21. Requested funding 100,000.00 USD.
10. **Principal Investigator.** 2018. Evaluating the sensitivity and specificity of a novel, low-cost parasite diagnostic device in human, animal, and environmental samples from North America, Latin America and the Caribbean, and South Asia. Funding mechanism: Internal limited submission Moore Inventor Fellows. Requested funding: 596,563.24 USD
11. **Co-Project Director.** Izurieta R (PD). 2017. Malaria Elimination is Attainable Project, Nepal. Achieving Zero falciparum malaria incidence rates in Nepal. Funding mechanism: Private Foundation. Requested Funding 523,360.38 USD.
12. **Co-Principal Investigator.** 2017 & 2018. Hoare I (PI). “Disease conceptualization among Amerindian and African Diaspora populations: Interactions between non-communicable and infectious diseases on health outcomes in the Americas”. Submitted to the National Institutes of Health R21 funding mechanism PAR-16-052. Requested Funding: 377,480 USD.
13. **Co-investigator.** Izurieta R (PI). 2016 & 2017. Epidemiology of Zika Infection among Pregnant Women in Ecuador. Submitted to the National Institutes of Health R21 funding mechanism PAR-16-106. Requested Funding: 374,000 USD.

#### OTHER RESEARCH EXPERIENCE

1. **Co-Investigator.** An Epidemiological Survey of HIV and STIs among selected populations (including pregnant women, school-attending teenagers, commercial sex workers and men who have sex with men) in Esmeraldas, Ecuador. (Spring 2014)
2. **Investigator.** A Qualitative-Quantitative approach to the Assessment of Water Quality and Related Health issues in the rural community of Chica, Panama. (Spring 2014)



3. **Co-Investigator.** Water and Health in the Nandamojo Watershed (2013, ongoing). Epidemiological, Community Based Participatory Research project on Community Needs regarding water and related healthcare issues in rural tropical areas in Guanacaste Province, Costa Rica. Responsible of conducting in-depth interviews and Focus Group Discussions with corresponding transcription and preliminary analysis. Interdisciplinary Research Development Award, State of Florida.
4. **Principal Investigator.** Sexual Health and Risky Sexual Behavior among Older Adults Living in the Tampa Bay Area (Spring 2013, closed).
5. **Principal Investigator.** Feasibility and Acceptability of Voluntary Medical Male Circumcision among Ecuadorian MSM (Fall 2012, closed) Qualitative research using Focus Group Discussions as an exploratory approach to evaluate the feasibility and acceptability of Ecuadorian MSM to participate in research of VMMC as a HIV prevention strategy.
6. **Principal Investigator.** HIV Prevalence in Asia and the Pacific: an Ecological Approach to Inequalities in the Region (Summer 2011, closed).
7. **Co-Investigator.** Association between fertility treatments and health outcomes in the offspring (Spring 2011, closed). A cohort study on the association between use of fertility treatment in mothers and health outcomes in the offspring using survival analysis<sup>11</sup>.
8. **Co-Investigator.** Sexual Health among Nepalese Adolescents (2011, closed). A research describing risky sexual behavior among Nepalese population.
9. **Co-Investigator.** Diverse immune response to varying levels of helminth infections in rural Ecuador (Summer 2008, closed). A cross-sectional study describing the immunologic and molecular characteristics of school-age children exposed to different burdens of helminthic infection.
10. **Principal Investigator.** Atypical clinical manifestation of Dengue Fever (2009, closed). A clinical report of one case of Dengue fever manifested primary with symptoms of cholecystitis.

## HONORS, AWARDS AND SCHOLARSHIPS

### *International-level*

#### **American Public Health Association**

Excellence in Abstract Submission on an International Topic Award. HIV/AIDS Section. American Public Health Association (APHA). 2020 APHA Annual Meeting.

#### **The International AIDS Society**

Scholarship to attend AIDS 2020. July 2020. San Francisco, CA (delivered virtually due to COVID-19 containment measures).

#### **The Society of Vector Ecology (SOVE) International Congress Award**

Awarded by SOVE to present in the 6<sup>th</sup> SOVE International Congress, La Quinta, CA. Sep 22-27, 2013.



**2010 International Master of Public Health Scholarship**

Awarded by the British Friends of the Hebrew University to study in the International Master of Public Health program at the Hebrew University of Jerusalem.

**Unnamed Travel Award, 2008**

Awarded by the University of British Columbia to attend a Bioinformatics Workshop in Vancouver, Canada.

**Unnamed Travel Award, 2007**

Awarded by the Grand Challenges in Global Health-sponsored research group to attend their annual meeting in Cambridge, UK.

***National-level*****Delta Omega. Honorary Society in Public Health**

Inducted by the Chapter at the University of South Florida. April 4, 2016.

**Love of Learning Award 2013**

Awarded by the Honor Society of Phi Kappa Phi.

**The Honor Society of Phi Kappa Phi**

Member by election of the Chapter at University of South Florida since Spring 2013.

***University-level*****Hispanic Heritage Appreciation Month – Top Three Scholarly Work Award**

Presented by the USF College of Nursing – USF Health scholarly Works Showcase, part of the Hispanic Heritage Appreciation Month. October 2019.

**Faculty International Program Development Award**

Awarded by the College of Public Health, University of South Florida to conduct GIS workshops and establish/enhance research partnerships in Nepal and India. 2015-2016.

**COPH International Research and Enrichment Scholarship**

Awarded by the College of Public Health, University of South Florida, to participate in the NIAAA conference on Alcoholism, HIV and Other comorbidities held in Bogota, Colombia on June 5-6, 2014

**COPH International Research Scholarship**

Awarded by the College of Public Health, University of South Florida, to develop and teach a GIS workshop in developing regions.

**Student Honorary Award for Research and Practice - 2013**

Awarded by the College of Public Health, University of South Florida, to partially cover expenses to attend the 6<sup>th</sup> SOVE, La Quinta, CA. Sep 22-27, 2013.

**Student Honorary Award for Research and Practice - 2012**

Awarded by the College of Public Health, University of South Florida, to give the oral presentations 'HIV prevalence in the Asia Pacific Region: An Ecological Approach to Inequalities' at the Population Association of America Annual Meeting on May 3-5, 2012.





**'Vaccinology in the Tropics' Conference Travel Award**

Awarded by the College of Public Health, University of South Florida, to attend the conference 'Vaccinology in the Tropics', held in Panama City, Panama on March 15-17, 2012.

**Unnamed Partial Tuition Waiver/Scholarship**

Awarded by the College of Public Health, University of South Florida, to study in the Global Communicable Diseases PhD program at the Department of Global Health.

**Presidential Scholarship, 2006**

Awarded by the Universidad San Francisco de Quito to study in the Master of Microbiology program at the Institute of Microbiology.

**School of Medicine, 2004**

Tenth best graduate (out of 324) from the School of Medicine, Faculty of Medical Sciences, Universidad Central del Ecuador. Quito, Ecuador.



**TEACHING AND MENTORING EXPERIENCE**

Course	Level	Role	Semester	Number of Students
PHC 6764 - Global Health Principles & Contemporary Issues	Master	Instructor	Fall 2021	29
			Fall 2020	17
			Fall 2019	19
			Fall 2018	20
			Fall 2017	21
			Fall 2016	29
PHC 7935 - Tropical Diseases	Doctoral	Instructor	Fall 2018	1
PHC 6516 - Tropical Diseases	Master	Instructor	Fall 2020	29
			Fall 2019	26
			Fall 2018	23
PHC 7908 – Spec. Study – M. Learning	Doctoral	Instructor	Summer 2020	1
PHC 7908 – Spec. Study – Public Health GIS	Doctoral	Instructor	Fall 2019	2
			Fall 2017	1
Public Health Scholarly Concentration – Morsani College of Medicine (USF)	Doctoral (Medicine)	Faculty Leader	AY 2019/2020	72
			AY 2018/2019	79
			AY 2017/2018	66
			AY 2016/2017	47
		Co-instructor	AY 2014/2015	~12
PHC 6442 - Global Health Applications in the Field	Graduate	Co-Instructor	Spring 2021	11
			Spring 2020	12
			Spring 2019	16
		Instructor	Spring 2018	17
			Spring 2017	12
			Spring 2016	19
PHC 6037 – Public Health Virology	Graduate	Instructor	Spring 2022	5
			Spring 2021	5
			Spring 2020	7
			Spring 2019	9
			Spring 2018	5



Course	Level	Role	Semester	Number of Students
			Spring 2017	11
			Spring 2016	10
PHC 6934 – Introduction to Global Health Diplomacy	Graduate	Instructor	Summer 2020	2
PHC 6934 – Data-driven Decision-making in Global Health	Graduate	Instructor	Summer 2019	1
			Summer 2018	1
PHC 6934 – Introduction to Analytical Methods in Global Health	Graduate	Instructor	Summer 2017	1
			Summer 2016	2
		Co-instructor	Summer 2015	2
PHC 5933 – Intro to Public Health GIS	Graduate	Instructor	Fall 2017	18
			Fall 2016	6
PHC 4140 – Intro to Public Health GIS	Undergraduate	Instructor	Fall 2017	18
			Fall 2016	9
HSC 4631 – Critical Issues in Public Health	Undergraduate	Instructor	Summer 2020	39
HSC 4031 – Emerging Infectious Diseases	Undergraduate	Supervisor	Summer 2020	39
			Summer 2015	94
			Spring 2015	100
HSC4624 - Foundations of Global Health (on line)	Undergraduate	Co-Instructor / Teaching Assistant (TA)	Fall 2014	100
			Summer 2014	65
			Spring 2014	102
			Fall 2013	95
			Instructor	Summer 2013
PHC 4101 – Introduction to Public Health	Undergraduate	Instructor	Spring 2014	100
			Spring 2013	41
PHC 4101 – Introduction to Public Health (on line)	Undergraduate	Co-Instructor / TA	Spring 2013	77
PHC 4720 – Foundation PH Writing	Undergraduate	Instructor	Fall 2014	29

AY = Academic Year; TA = Teaching Assistant; USF = University of South Florida



**Guest Lectures**

<b>Course Title</b>	<b>Level</b>	<b>Course Primary Instructor</b>	<b>Year</b>	<b># of Lectures</b>
MMCR 7005 Virología Animal (Universidad San Francisco de Quito, Ecuador)	Graduate	Patricio Rojas	Fall 2021	2
MMCR 7005 Virología Animal (Universidad San Francisco de Quito, Ecuador)	Graduate	Patricio Rojas	Fall 2020	2
Sex, Health and Decision Making	Undergraduate	James Van Elswyk	Spring 2019	2
Sex, Health and Decision Making	Undergraduate	Ellen Daley	Fall 2018	1
Immunology	Graduate	Ricardo Izurieta	Fall 2018	1
Immunology	Graduate	Ricardo Izurieta	Spring 2018	1
Public Health GIS	UG/G	Benjamin Jacob	Spring 2018	1
Sex, Health and Decision Making	Undergraduate	Ellen Daley	Spring 2018	1
Vaccines	Graduate	Ricardo Izurieta	Fall 2017	1
Global Health Program Development and Administration	Graduate	Ismael Hoare	Fall 2017	Presentation Evaluator
Drug Discovery	Graduate	Rays Jiang	Fall 2017	1
Cultural Competence Panel	Graduate	Martha Coulter	2017	1
Public Health Immunology	Graduate	Ricardo Izurieta	Spring 2017	1
Intro to Health Disparities	Undergraduate	Aldenise Ewing	Fall 2017	1
Child Health and Development	Graduate	Martha Coulter	Spring 2017	1
Vaccines	Graduate	Ricardo Izurieta	Fall 2016	1
Introduction to Public Health GIS	UG/G	Benjamin Jacob	2016	2
Public Health Immunology	Graduate	Ricardo Izurieta	2016	2
Scholarly Concentration Public Health (MCOM)	Professional	Rahul Mhaskar	2016	1
Cultural Competence Panel	Graduate	Martha Coulter	2016	1



## Professional Presentations

*(For additional presentations please refer to the 'oral and poster presentations in Scientific/Academic Conferences' section)*

Title	Estimated attendance	College / University OR Venue	Location	Date
Global Health. Health Sciences Doctoral Program.	20	Centro de Investigaciones y Estudios de la Salud - UNAN	Managua, Nicaragua	March, 2017
Convocation Lecture: Global Health. Global Health Master's Program Convocation.	45	Centro de Investigaciones y Estudios de la Salud - UNAN	Managua, Nicaragua	March, 2017
Introduction to GIS.	5	Intro to Public Health GIS Workshop	Pune, India	May, 2016
GIS Applied to Public Health.	5			
Understanding the GIS lingo.	5			
Land Use Land Cover Analysis for health issues.	5			
Interpolation algorithms in GIS.	5	Intro to Public Health GIS Workshops (4 venues)	Kathmandu, Nepal	May, 2016
Introduction to GIS.	140			
GIS Applied to Public Health.	140			
Understanding the GIS lingo.	140			
Land Use Land Cover Analysis for health issues.	140			
Interpolation algorithms in GIS.	140	II GIS Applied to Health Workshop	Quito, Ecuador	March, 2016
Introduction to GIS.	10			
GIS Applied to Public Health.	10			
Understanding the GIS lingo.	10			
Land Use Land Cover Analysis for health issues.	10			
Interpolation algorithms in GIS.	10			
Georeferencing for Infectious Diseases.	10			
Trans-platform communication in GIS applications.	10	I Travel Medicine Workshop	Quito, Ecuador	March, 2016
Pre-Travel Consultation.	45			



**Training on Applied Methods (organized and presented).** In addition to GIS workshops listed earlier.

Title	Role	Venue & Location	Date	Estimated attendance
GIS & Remote Sensing Applied to Health	Laboratory Instructor	I GIS Applied to Health Workshop	October, 2013	40
SAS Laboratory: The Generalized Linear Model	Instructor & Facilitator	SAS Workshop. COPH, USF. Tampa, FL	Fall 2014	15
Pulsed Field Gel Electrophoresis	Instructor & Facilitator	I Course on Molecular Epidemiology. Quito, Ecuador	July, 2006	25

### Department/College Seminars organized

Title	Level	College	University	Duration
7 at 5 Lecture Series (COPH Anniversary) – Global Health Diplomacy. Migration & Health.	Graduate	Public Health	USF	February 25, 2020
Global Health Diplomacy – Seminar II	Graduate	Public Health	USF	October 24, 2019
Global Health Diplomacy – Seminar I	Graduate	Public Health	USF	September 19, 2019
Global Health Seminar	Graduate	Public Health	USF	Spring 2016
Global Health Seminar	Graduate	Public Health	USF	Fall & Spring 2017
Global Health Seminar	Graduate	Public Health	USF	Spring 2018

### Academic advising

Academic Year	Role	Master-level students	Doctoral students
2019/2020*	Advisor	0	2
	Mentor	26	1
2018/2019*	Advisor	0	3
	Mentor	32	1
2017/2018	Advisor	9	4
	Mentor	16	1
2016/2017	Advisor	17	2

\* Changes in the college structure meant that non-faculty advisors were appointed to master-level students. After those changes, faculty are assigned only mentoring roles for master-level students.



### Teaching Assistant positions and other teaching positions (previous to Fall 2015).

- 2014 Teaching assistant for the course Global Issues in Environmental Health **(Graduate level)**. Fall 2014. Department of Global Health and Department of Environmental Health, College of Public Health, University of South Florida.
- 2013 Teaching Assistant for the course GIS Public Health **(advanced, graduate level)**. Summer, 2013. Department of Global Health. College of Public Health. University of South Florida.
- 2013 Teaching Assistant (Graduate Assistantship) for the course Infection Control Program Design **(Graduate level)**. Spring 2013. College of Public Health, University of South Florida.
- 2012 – 2013 Teaching Assistant (Graduate Assistantship) for the course Public Health Topics in Global Sustainability **(Graduate level)**. Fall 2012 and Fall 2013 (ad honorem). University of South Florida.
- 2009 – 2011 Thesis Mentor. **Dermatology Postgraduate Residency Program**. Universidad Central del Ecuador. Quito, Ecuador.
- 2009 – 2011 Instructor for the course of Research Methods **(Graduate Level)**. Dermatology Postgraduate Residency Program. Universidad Central del Ecuador. Quito, Ecuador.
- 2009 – 2010 Instructor for **undergraduate** courses (Schools of Medicine, Odontology, Nursing and Physiotherapy). Universidad de las Americas. Quito, Ecuador.
- 2008 Co-organizer and Lecturer of the Helminthology course **(Graduate Level)**. Master of Microbiology Program. Pontificia Universidad Catolica del Ecuador. Jan-May, 2008.

### Mentoring

#### ***Awards/Achievements won by my advisees/mentees***

1. Saint-Cyr N Received the Best Original Research Presentaiton Award for the abstract: Reina Ortiz M,+ Gertz A, Saint-Cyr N,\* Vasquez M, Wint K, Francois MJ, Chen H, Martinez Tyson D, Marhefka S, Thirumurthy H. A systematic review of behavioral economic-based interventions to improve HIV prevention, retention in care, and viral suppression for people at risk for or living with HIV/AIDS. 2022 Academic International Medicine Annual Congress and Scientific Forum, American College of Academic International Medicine. Virtually held, Jun 9-12, 2022.
2. Chacreton D. USF Scholarship.
3. Chacreton D. Student Honorary Award for Research and Practice.
4. Saturday T. USF COPH Scholarship.



**Major Professor of Doctoral Level Dissertation/Culminating Projects**

5. Chacretón D. Evaluating the impact of social distancing on COVID-19 spread. Expected graduation: Summer 2021.
6. Irue M. Evaluating Barriers and Facilitators for a Diabetes Self-Management Program in a Community in Ghana. DrPH. Expected graduation: Spring 2021.
7. Rogers K. Developing a Train-the-Trainer Course for Port Health Service Officers at Points of Entry: Course Curriculum, Training Methodologies and Evaluation. DrPH. Graduation: Fall 2018.

**Committee Member of Doctoral Level Dissertations/Culminating Projects**

1. Bell J. Relationship between marketing strategies and the Opioid Epidemic in Florida. Committee Member. PhD Degree. Expected culmination, Fall 2021.
2. Kernbach M. Effects of dim light on Avian Host competence to West Nile Virus – immunological and virological profiles. Committee Member. PhD Degree. Graduation: Spring 2021.
3. Roberts S. Barriers to accessing HIV/AIDS Services among individuals Living within Rural Regions of New York. Committee Member. DrPH Degree. Expected culmination, Fall 2021.
4. Mehra S. “Estimating The Impact of a Select Criteria Pollutant (PM2.5) on Childhood Asthma in Florida”. Committee Member. PhD Degree. Graduation: Spring 2017.

**Chair/Major Professor of Master’s Theses**

1. Boykin J. “Validation of Chimeric Viruses in Plaque Reduction Neutralization Tests for Arboviral Disease Diagnostics”. Co-Major Professor. MPH Degree. Fall 2017.

**Chair Honor’s College Thesis (Undergraduate)**

1. Hoang C. “Association between sociodemographic characteristics and COVID-19 testing rates in Florida: an Ecological Study”. Thesis Chair. Summer 2021. Expected Graduation: Spring 2022.

**Committee Member Honor’s College Thesis (Undergraduate)**

1. Skoutelis N. “Global COVID-19 Vaccine Inequality: The challenges in securing equitable vaccine distribution”. Committee Member. Fall 2021. Expected Graduation: Spring 2022.

**Directed Research – Doctoral Level**

1. Namata, I. “Diabetes Self-Management in Accra, Ghana”. Fall 2019 & Spring 2020.
2. Peek, J. “Use of GIS methods to understand geographic determinants of Human Trafficking-related reports”. Fall 2019.
3. Rogers K. “Port of Entry (POE) Public Health Capacity Building in Resource-Limited Countries: Identifying Existing Resources, Gaps, and Solutions to Aid Resource-Limited Countries in Strengthening Public Health at Designated POE”. Spring 2017.





**Master's Level Special Projects & Integrated Learning Experiences (ILEs)\***

*\* ILEs replaced Special Projects in 2018*

1. Mansour, M. Health Living Program: A Policy Analysis. Summer 2020.
2. Neal, J. Evaluating TORCH-related Knowledge, Attitudes, and Practice among service providers in Tampa Bay. Fall 2019.
3. Mandes-Basili MA. Prevalence of Intimate Partner Violence among College Students. Summer 2019.
4. Lara D. Evaluating Impact of Natural Disasters in Latin America: Time Series Analysis. Spring 2019.
5. Parikh J. Impact of vaccination policies on pertussis incidence. Fall 2018.
6. Gonzalez-Bardales A. Determinants of health outcomes in prion disease. Fall 2018.
7. Pullia A. Physical Activity Among South Asian Women in Western Australia: An Exploratory Study. Summer 2018.
8. Kratzer J. "Air traffic and antibiotic resistance". Summer 2018.
9. Redmond B. "Civil Conflict within the DRC: The Influence of Urban Agriculture". Spring 2018.
10. Butler G. "Zika: A Look Into Microcephaly and Florida's System of Care". Fall 2017.
11. Balkaran T. "Socioeconomic Variables and Zika Infection in Ecuador". Summer 2017.

**Field Experiences, Applied Practice Experiences (APEs)\* & other Field Research Mentoring**

*\* APEs, which may include Field Experiences, replaced them as a course in some programs in 2018.*

1. Rolle, L. COVID-19 responses in Hendry County, FL. Summer 2020.
2. Mandes-Basili, MA. Developing Adolescent Health Programs in a Hurricane-affected Caribbean Island. Fall 2019.
3. Saturday T. (MPH Student). Health Needs Assessment among Rohingya Refugee Populations in Bangladesh. Fall 2019.
4. Santiago W. (MPH Student). Evaluating Maternal and Child Health Programs in Quito, Ecuador. Summer 2019.
5. Lara D. (MPH Student). Evaluating a Recently-implemented Women's Health Program in Puerto Rico. Summer 2019.
6. Garcia J. (MPH Student). Community Health Needs Assessment in Women's Health-related Issues in Panama. Summer 2019.



7. Rickloff M. (MPH Student). Health Needs Assessment in an Insular Community in Nicaragua. Summer 2019.
8. Noor A. (MPH Student). Evaluating Impact of the Diabetes Contraception and Pre-pregnancy Program (DCAPP) among Healthcare Professionals and Patients in a Private Fertility Clinic in Australia. Summer 2019.
9. Castillo S. (MPH Student, USF). Community-engaged activities in Peru. Fall 2018.
10. Sanabria C. (MPH Student, USF). HIV prevention in Ecuador. Fall 2018.
11. Gonzalez-Bardales A. (MPH Student, USF). Florida Department of Health Bureau. Fall 2018.
12. Jones J. (MPH Student, USF). Improving health literacy. Fall 2018.
13. Perez C. (MPH Student, USF). Data analysis and quality assurance in a youth-serving clinic. Fall 2018.
14. Parikh J. (MPH Student, USF). Performance of microfluidic chamber to diagnose *Ascaris ova*. Fall 2018.
15. Bachan R. (MPH Student, USF). Community-based Public Health in Belize. Fall 2018.
16. Maguire J. (MPH Student, USF). HIV education in Zambia. Fall 2018.
17. Millan E. (MPH Student, USF). Alcoholism and HIV in Ecuador. Summer 2018.
18. Chharath K. (MPH Student, USF). Health and nutrition for reproductive age women and children under 5 in Cambodia. Summer 2018.
19. Muncy J. (MPH Student, USF). Madariaga virus outbreaks in Eastern Panama. Summer 2018.
20. Parra C. (MPH Student, USF). Florida Department of Health – Miami. Summer 2018.
21. Pullia A. (MPH Student, USF). Physical activity among South Asian women in Perth, Australia. Summer 2018.
22. Precious DW (MPH Student, USF). Parasitic disease diagnosis. Fall 2017.
23. DeLacure D. (MPH Student, USF). Detection level of Kato-Katz technique for geohelminths. Fall, 2017.
24. Butler G. (MPHC Student, USF). Zika perceptions in South Florida. Summer, 2017.
25. Campos A. (MPH Student, USF). Behavioral nudges of HIV testing in Esmeraldas, Ecuador. Summer 2017.
26. Grantt J. (MPH Student, USF). Innovative Geohelminth Diagnostic Techniques. Tampa, USA. Spring 2017.



27. Samot-Bidot D. (MPH Student, Ponce Health Sciences University). HIV risk determinants among at-risk population of Ecuador. Fall 2016.
28. Bejarano S. (MPH Student, USF). The syndemic nature of HIV/AIDS among indigenous communities in Latin America. Otavalo, Ecuador. Fall 2015.
29. Skylar Ch. (MPH Student, USF), Jennie M. (MS Student, USF), Jennafer C. (MPH Student, USF), Anh Thy N. (Peace Corps MPH Student, USF), Joy M. (MPH Student, USF), Gabrielle D. (MPH Student, USF), Bryan T., MPH, Estefania G. (MD Student, Universidad de Panama), Carlos R. (MD Student, Universidad de Panama). International Health Student Collaborative, Spring, 2014. Chica, West Panama, Panama.

***Peace Corp Programs (includes Coverdell Fellows)***

1. Montoya M. (MPH Student, USF – Coverdell Fellow). Refugee health in Tampa Bay. Fall 2018.
2. Castillo S. (MPH Student, USF). Community-engaged activities in Peru. Fall 2018.
3. Sanabria C. (MPH Student, USF). HIV prevention in Ecuador. Fall 2018.

***Teaching/Research/Graduate/Student Assistants and volunteers supervised***

1. Alida G (DrPH Student), Research Assistant for the ADeLANTE Award. Spring 2022.
2. Neielle S (MPH Student), Research Assistant for the ADeLANTE Award. Spring 2022.
3. Daniel C (PhD Student). Graduate Assistant for post-hurricane arboviral transmission research project Fall 2018, Spring 2019, Summer 2019, Fall 2019, Spring 2020.
4. Bradley S (MPH Student). Student Assistant. Post-hurricane arboviral transmission research project. Spring and Summer 2019.
5. Carpenter S (MPH Student). Student Assistant. Post-hurricane arboviral transmission research project. Spring and Summer 2019.
6. Kakkad A (MPH Student). Student Assistant. Post-hurricane arboviral transmission research project. Spring and Summer 2019.
7. Desiree L (MPH Student). Graduate assistant for post-hurricane arboviral transmission research project. Fall 2018 & Spring 2019.
8. Maria BM (MPH Student). Graduate assistant for conducting lit review on community-engaged research. Fall 2018.



9. Blake M (MPH student). Graduate assistant for post-hurricane arboviral transmission research project. Summer 2018.
10. (MPH Student). Graduate assistant for conducting lit review on community-engaged research. Summer 2018.
11. Guilherme G (Post Doc). Volunteered in microfluidic chamber research. Spring 2017.
12. Samuel BM (PhD Student). Teaching assistant for *PHC 6442 Global Health Applications in the Field* class. Fall 2016.
13. Bernhard K (MPH Student). Teaching assistant for *PHC 6037 Public Health Virology* class. Spring 2016.

#### ***Faculty Mentor for Student Organization's field trip***

1. International Health Student Collaborative (IHSC) – Mexico City Service Trip – Spring 2020. IHSC is an interprofessional (medicine, nursing, pharmacy, public health, physical therapy) student organization. A total of 18 students participated in the Spring 2020 Mexico City Service Trip.

#### ***Dermatology Postgraduate Residency Program – Universidad Central del Ecuador***

1. Victor H. Pinos-Leon. "Evaluating the association between psoriasis and cardiovascular risk factors in the Ecuadorian population". Completed, June, 2010.
2. Rosa J. Mateus. "Estimating the prevalence of dermatopathology among elderly people living in assisted living facilities in Quito, Ecuador. Completed, September, 2010.
3. Isabel Teran. "Dermatologic findings in children suffering from trisomy 21 in Quito, Ecuador". Completed, October, 2010.

#### ***Director, Global Health Writing Group***

Provide writing mentorship to graduate and professional students from the College of Public Health and the Morsani College of Medicine, University of South Florida. A total of 5 students currently participate or have ever participated of this Writing Group (Bernhard K, Jeegan P, Nicole L, Precious D, Jaladhikumar P, Carlos P, Mhar P).

#### ***Faculty Guest, Eta Sigma Gamma Faculty-Student Luncheon***

*"The Luncheon is a semi-structured networking experience, and its mission is to foster social capital and build stronger relationships."* March 5, 2019.



## CONTINUING EDUCATION AND TRAININGS

### Professional Development

1. Center for Collaborative Online International Learning (COIL) Foundations Workshop. The State University of New York [online]. July 9 - 29, 2020. As part of the Virtual Global Exchange at USF.
2. Green & Gold Teaching Champion Program. Certificate awarded for successfully completing the Fall 2019 Green & Gold Teaching Champion Program. Academy for Teaching and Learning Excellence. University of South Florida.
3. Promotion & Tenure Workshop. College of Public Health, University of South Florida. May 7, 2020.
4. Peer Observation Program Fall 2019. Academy for Teaching and Learning Excellence. University of South Florida. Tampa, Fl. Fall 2019.
5. Course Design Institute. Academy for Teaching and Learning Excellence. University of South Florida. Tampa, Fl. August 5-9, 2019.
6. NIH Regional Seminar on Program Funding and Grants Administration. National Institutes of Health. Baltimore, MD. May 15-17, 2019.
7. 2018 Florida Consortium Learning Assistant Workshop. Florida International University. Miami, Fl. November 17-19, 2018.
8. Academy for Teaching and Learning Excellence. First Friday - October. University of South Florida. Tampa, Fl – USA. Oct 4, 2018.
9. Academy for Teaching and Learning Excellence. First Friday - September. University of South Florida. Tampa, Fl – USA. Sep 6, 2018.
10. Academy for Teaching and Learning Excellence. Summer Teaching Symposium 2018: “Motivating and Inspiring students”. University of South Florida. Tampa, Fl – USA. May 9-10, 2018.
11. JMP Workshop. University of South Florida. 2018.
12. Promotion & Tenure Workshop. College of Public Health, University of South Florida. April 7, 2017.
13. Productive Conflict 2. MTM Associates. Location: College of Public Health, University of South Florida. April 14, 2017.
14. Productive Conflict 1. MTM Associates. Location: College of Public Health, University of South Florida. March 10, 2017.
15. DiSC Communication Style (Working with your Chair). MTM Associates. Location: College of Public Health, University of South Florida. December 12, 2016.



16. DiSC Communication Style (Motivating Students & Colleagues). MTM Associates. Location: College of Public Health, University of South Florida. November 4, 2016.
17. Your DiSC Communication Style. MTM Associates. Location: College of Public Health, University of South Florida. October 7, 2016.
18. Annual Promotion and Tenure Workshop. College of Public Health, University of South Florida. April 8, 2016.
19. College Budgeting Processes. College of Public Health, University of South Florida. March 4, 2016.
20. Course Design: Time-saving best practices. Academy for Teaching and Learning Excellence (ATLE). Spring 2016.
21. Exploring interconnections between the environment, health and wellbeing. Dr. Micael Depledge. College of Public Health. Dec 2, 2015.

### **Courses and Conferences**

1. 70<sup>th</sup> Annual Meeting of the American Society of Tropical Medicine & Hygiene. [Virtual Meeting due to COVID-19]. November 17 – 21, 2021.
2. 25<sup>th</sup> CFAR (Center for AIDS Research) Annual Meeting. Philadelphia, PA [attended virtually due to COVID-19]. November 2 – 5, 2021.
3. Fast-track Cities 2021. International Association of Providers of AIDS Care. Lisbon, Portugal [attended virtually due to COVID-19]. October 20-22, 2021.
4. 69<sup>th</sup> Annual Meeting of the American Society of Tropical Medicine & Hygiene. [Virtual Meeting due to COVID-19]. November 15 – 19, 2020.
5. 148<sup>th</sup> Annual American Public Health Association Meeting. [Virtual Meeting due to COVID-19]. October 19 – 28, 2020.
6. AIDS 2020 (Virtual). July 6-10, 2020.
7. UF-USF Microbiome Workshop. Gainesville, FL. December 5, 2019.
8. 68<sup>th</sup> Annual Meeting of the American Society of Tropical Medicine & Hygiene. National Harbor, MD. Nov 20 – 24, 2019.
9. 147<sup>th</sup> Annual American Public Health Association Meeting. Philadelphia, PA. Nov 2 – 6, 2019.
10. 67<sup>th</sup> Annual Meeting of the American Society of Tropical Medicine & Hygiene. New Orleans, LO. Oct 28 – Nov 1, 2018.
11. 7<sup>th</sup> Annual Conference of the American Society of Health Economists. Atlanta, GA. June 10 – 13, 2018.



12. Society for Adolescent Health and Medicine 2018 Annual Meeting. Seattle, WA. March 14 – 17, 2018.
13. 66<sup>th</sup> Annual Meeting of the American Society of Tropical Medicine & Hygiene. Baltimore, MD. Nov 5 – 7, 2017.
14. 2<sup>nd</sup> Annual Academic International Medicine Congress. Clearwater, FL. July 28 – 30, 2017.
15. 65<sup>th</sup> Annual Meeting of the American Society of Tropical Medicine & Hygiene. Atlanta, GA. Nov 13 – 17, 2016.
16. 144<sup>th</sup> Annual American Public Health Association Meeting. Denver, CO. Oct 29 – Nov 2, 2016.
17. First National Conference on Adolescent Health and Development in Nepal. Kathmandu – Nepal, May 2 – 3, 2016.
18. Sixth Annual American Society of Tropical Medicine & Hygiene Conference in Peru. Lima – Peru, March 21 – 23, 2016.
19. Third International Conference Vaccinology in the Tropics. Panama City – Panama, January 20 – 22, 2016.
20. NIAA Conference on Alcoholism, HIV and Other Comorbidities. Bogota – Colombia, June 5 – 6, 2014.
21. Annual Population Association of America Meeting 2012. San Francisco, CA May 2012.
22. Vaccinology in the Tropics. Gorgas Memorial Institute and University of South Florida. Panama City, Panama. March 15 – 17, 2012.
23. Thirteenth Annual Lawton Chiles International Lecture & Symposium on Maternal and Child health in the Americas. College of Public Health, University of South Florida. Tampa, FL USA. February 14, 2012.
24. Good Laboratory Practice Workshop. Guayaquil, Ecuador. October 14, 15, 16, 23 and 24, 2011.
25. Good Clinical Practice Course. F. Hoffmann-La Roche. Guanajuato, México. June 20th, 2009.
26. XIX Latin-American Congress on Microbiology. Asociación Latinoamericana de Microbiología and Sociedad Ecuatoriana de Microbiología. Quito, Ecuador. October, 2008.
27. IV SCAALA Seminar. Instituto de Saúde Coletiva, Universidade Federal da Bahia. Salvador, Brazil. June, 2008.
28. First Immunoepidemiology Course. Instituto de Saúde Coletiva, Universidade Federal da Bahia. Salvador, Brazil. June, 2008.
29. 3<sup>rd</sup> Annual Meeting for the Grand Challenges in Global Health project “Novel Therapeutics that boost Innate Immunity to treat Infectious Diseases”. Asnieres-Sur Oise. Paris, France. January 8 – 10, 2008.



30. CME activity: "A 62-Year-Old Man With a History of Hypertension". The Discovery Institute of Medical Education. Chicago, IL. United States of America (on line). 2007.
31. First National Course on Molecular Epidemiology. Institute of Microbiology, Universidad San Francisco de Quito. Quito, Ecuador. 2006.
32. First National Course on Primary Health. Asociación Nacional de Médicos Rurales (ANAMER) – Filial Pichincha. Quito, Ecuador. 2004.
33. Pain Management Course. Facultad de Ciencias Médicas, Universidad Central del Ecuador. Quito, Ecuador. 2004.
34. Informatics Course. Centro de Informática Biomédica, Facultad de Ciencias Médicas, Universidad Central del Ecuador. Quito, Ecuador. 2000.

### **Advanced Workshops and Trainings**

1. Bioinformatics Workshop (microarray data analysis). Centre for Microbial Diseases and Immunity Research, University of British Columbia at Vancouver. Vancouver, Canada. April 2-3, 2008.
2. Microchip array analysis training. Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton. Cambridgeshire, United Kingdom. October 2007 to March 2008.
3. Molecular biological and immunological methods training. Centre of Infectious Diseases, St. George's University of London. London, United Kingdom. October 2007 to March 2008.

## **SERVICE**

### **University Service**

2021	Member of Search Committee for one faculty position within the College of Public Health.
2021	Reviewer. USF COPH Scholarships.
2020	I have contributed to the development of a Knowledge, Attitudes, [Behaviors], and Practices survey to evaluate readiness for COVID-19 vaccination among healthcare workers in Tampa General Hospital. COPH & Morsani College of Medicine, USF.
2019 – present	Faculty Advisor to the International Health Service Collaborative (multidisciplinary student organization), USF Health, USF.
2018 – present	Faculty Advisor to the Global Health Student Association, COPH, USF.
2017 – present	Faculty Advisor to the Nepalese Student Association (NeSA) at USF.





2020	Reviewer. USF CPH Scholarships.
2018 – 2020	Faculty Representative to the CPH Research Committee.
2019	Reviewer. USF CPH Scholarships.
2018 – 2019	Member of Search Committee for two different positions (one faculty, one staff) within the College of Public Health
2017 – 2019	Member of the CPH Violence Prevention Advisory Committee.
2016 – 2018	Member of the Department of Global Health's APT Committee until the department was transformed into another structure within the college.
2016 – 2018	Member of the Doctor of Public Health Advisory Committee, CPH.
2016 – 2017	Member of the Doctor of Public Health Qualifying Exam sub-committee.
2014 – 2015	Member of the USF Health Student International Ambassador Program.
2014 – 2015	Graduate Student Representative to the Policy and Fellowship Committee, University of South Florida Tampa Graduate Council, a body of the Faculty Senate, University of South Florida
2014 – 2015	Graduate Student Representative to the University of South Florida Tampa Graduate Council, a body of the Faculty Senate, University of South Florida.
2014 – 2015	College of Public Health Chair for the Student Chapter of the Personalized Medicine Coalition at the University of South Florida.
2014 – 2015	Student Representative and Member on the Educational and Technology Assessment (ETA) Advisory Committee, College of Public Health, University of South Florida
2003 – 2004	Student Representative for the School of Medicine Board (Student Government Representative, an honor-based and democratically elected appointment)

### Professional Service

2022 - present	Member. City of Tampa Fast-Track Task Force – in development, not yet established.
2021 – 2022	Member of the Digital Education Committee. American Society of Tropical Medicine & Hygiene.
2021 – 2022	Past President. American Society of Tropical Medicine and Hygiene (ASTMH) Committee on Global Health.



- 2020 – present Appointed member of the Scientific Program Committee. American Society of Tropical Medicine & Hygiene.
- 2020 – present Chair. Strategic Planning Activities Sub-Committee. American Society of Tropical Medicine & Hygiene Committee on Global Health (ACGH).
- 2020 – 2021 President. American Society of Tropical Medicine and Hygiene (ASTMH) Committee on Global Health.
- 2020 Program Planning Committee – extension (Abstract Reviewer). American Public Health Association. Injury Control and Emergency Health Services & HIV/AIDS programs.
- 2019 – 2020 Selected. Item Writer. CPH examination. **National Board of Public Health Examiners.**
- 2019 – present Member. Association of Schools & Programs of Public Health (ASPPH) Global Engagement & Partnerships Advisory Committee.
- 2018 – 2020 Member. Publications Committee. American College of Academic International Medicine.
- 2018 Member. Society for Adolescent Health Medicine.
- 2019 – 2020 President-Elect. American Society of Tropical Medicine and Hygiene (ASTMH) Committee on Global Health.
- 2017 – 2019 Secretary-Treasurer. American Committee on Global Health – American Society of Tropical Medicine and Hygiene.
- 2016 – present Member of the American Committee on Global Health – American Society of Tropical Medicine and Hygiene
- 2016 – present Member of the Global Water Pathogens Group, a UNESCO-funded initiative.
- 2016 – 2018 Member of the International Health Section – American Public Health Association  
Member of the HIV/AIDS Section – American Public Health Association
- 2005 Treasurer for the Asociación Nacional de Médicos Rurales – Filial Esmeraldas (National Association of Rural Medical Doctors, Esmeraldas Chapter)

### Journal and other Peer-Review service

- 2022 Reviewer. Frontiers in Public Health.
- 2021 - 2022 Reviewer. British Medical Journal Open.



- 2021 Reviewer. Partnerships for Enhanced Engagement in Research (PEER) Program. National Academies of Sciences, Engineering, and Medicine.
- 2021 Selected for the Early Career Reviewer (ECR) Program. NIH Center for Scientific Review.
- 2021 Reviewer. USF CPH Internal Research award.
- 2021 Reviewer. This is Public Health (TIPH) Global Grant Program. Global Network for Academic Public Health. Service provided via the Association of Schools and Programs of Public Health (ASPPH).
- 2020 Reviewer. The American Journal of Tropical Medicine & Hygiene. American Society of Tropical Medicine & Hygiene.
- 2020 Reviewer. PLoS ONE.
- 2019; 2022 Reviewer. *Trichuris trichiura* Fact Sheet. **World Health Organization.**
- 2019; 2022 Reviewer. USF CPH Internal Research award.
- 2019 – present Peer Reviewer & Member of the Editorial Board for the Christian Journal for Global Health. Published by Health for All Nations. (In process).
- 2018 - 2020 Peer Reviewer & Member of the Editorial Board for the International Journal of Academic Medicine. Wolters Kluwer-Medknow. American College of Academic International Medicine. USA.
- 2018 - Peer Reviewer for the American Journal of Men's Health. SAGE Publications. USA.
- 2013 - Peer Reviewer for the International Journal of Dermatology. International Society of Dermatology. Wiley-Blackwell. Oxford, UK.
- 2012 - Member, Editorial Council of Revista Médica Vozandes. Hospital Vozandes Quito. Quito, Ecuador.
- 2013 Member, Editorial Committee of Revista de la Facultad de Ciencias Médicas Quito (Journal of the Quito Medical Sciences Faculty). Quito, Ecuador.

### Conference Reviewer

- 2019 – 2021. Scientific Judge. USF Health Research Day. Tampa, Fl. February 22<sup>nd</sup>, 2019; February 2020; and February 2021 [2021 meeting is virtual, judging has been replaced for mentorship, to be completed by February 26<sup>th</sup>, 2021].
- 2018 Discussant for the 7<sup>th</sup> Conference of the American Society of Health Economists. *Economics and Public Health*. Atlanta, GA June 10<sup>th</sup>-13<sup>th</sup>, 2018.



- 2017 Abstract Submission Reviewer for the American Public Health Association Annual Meeting – International Health Section (Community-based & Global HIV/AIDS sub-sections).
- 2012 Research proposal reviewer for the First Encounter of Researchers of Tropical Medicine in Ecuador. February, 2012.

### Community Service

- **Abrazo a la Distancia:** a task force formed by the Hispanic Outreach Center, Pinellas County Health and Human Services, Juvenile Welfare Board of Pinellas, Moffitt, Estrategia Group and Empath Health. Invited Speaker for the Webinar titled “Conversando con expertos sobre la Vacuna - Covid-19,” held on October 14<sup>th</sup>, 2021 at noon. Recording available here: <https://vimeo.com/632244389>
- **South Florida Baptist Hospital.** Volunteer for the 2013 Paediatric Health Fair in Plant city.
- **Bridge Clinic USF.** Volunteer interpreter for clinical services on Fall, 2012.
- **OLLY USF.** Volunteer guest lecturer of the world cultures course on Spring, 2012.
- **CHIQUITITOS.** Organizer and Volunteer as a medical doctor in an outreach activity in rural communities of Ecuadorian Coast in 2008.
- **Hospital Voz Andes Oriente.** Volunteer as a medical doctor in a medical campaign in rural communities of Ecuadorian Amazonia in 2004.

### Community Engagement (Educational talks and press articles)

#### Talks

1. **Reina Ortiz M,** Sharma V. HIV/AIDS, why is it everybody’s concern? A brief description of HIV/AIDS biology and epidemiology at the global, national (Ecuador) and provincial (Esmeraldas) level. Conference given at the Pontificia Universidad Catolica de Esmeraldas and Universidad Tecnica Luis Vargas Torres. Esmeraldas Nov 24-25, 2013.
2. **Reina Ortiz M,** Sharma V. HIV/AIDS. A brief description of HIV/AIDS biology and epidemiology at the global, national (Ecuador) and provincial (Esmeraldas) level. Conference given at the Colegio Montalvo. Montalvo - Esmeraldas Nov 7, 2013.
3. **Reina Ortiz M.** Ecuador. Osher Lifelong Learning Institute – Exploring World Cultures with USF International Students. February, 2012.



**Media and Press coverage**

1. Telemundo 49. Vacunas disponibles contra la viruela del mono en la bahía de Tampa. Julio 21, 2022. Telemundo 49. Available at: <https://www.telemundo49.com/noticias/vacunas-disponibles-contra-viruela-del-mono-en-la-bahia-de-tampa/2134173/>
2. Telemundo 49. Alerta por ostras contaminadas en la Bahía de Tampa. Julio 7, 2022. Telemundo 49. Available at: <https://www.telemundo49.com/noticias/local/alerta-por-ostras-contaminadas-en-la-bahia-de-tampa/2131254/>
3. Telemundo 49. Alza en casos de Covid-19 en la bahía de Tampa. June 14, 2022. Telemundo 49. Available at: <https://www.telemundo49.com/noticias/alza-en-casos-de-covid-19-en-la-bahia-de-tampa/2126603/>
4. Telemundo 49. Preocupación por el aumento de COVID-19 en la Bahía de Tampa. Telemundo 49. June 1, 2022. Available at: <https://www.telemundo49.com/noticias/local/preocupacion-por-aumento-de-covid-19-en-la-bahia-de-tampa/2124169/>
5. Kislinger V. ¿Estamos cerca de la cura del VIH? Científicos anuncian la cura de una paciente en Nueva York. Feb 15, 2022. WFLA – Tampa Hoy. Available at: <https://www.wfla.com/tampa-hoy/tu-salud-importa/estamos-cerca-de-la-cura-del-vih-cientificos-anuncian-la-cura-de-una-paciente-en-nueva-york/>
6. Kislinger V. ¿Es este el fin de la pandemia? Casos de Covid-19 bajaron drásticamente en los Estados Unidos. Feb 10, 2022. WFLA – Tampa Hoy. Available at: <https://www.wfla.com/tampa-hoy/tu-salud-importa/mujeres-hispanas-tienen-mayor-riesgo-de-sufrir-de-cancer-cervical/>
7. Kislinger V. Mujeres hispanas tienen mayor riesgo de sufrir de cáncer de cuello uterino. Jan 31, 2022. WFLA – Tampa Hoy. Available at: <https://www.wfla.com/tampa-hoy/tu-salud-importa/mujeres-hispanas-tienen-mayor-riesgo-de-sufrir-de-cancer-cervical/>
8. Chavez JC. USF initiative working to dispel vaccine myths for Spanish speakers. Tampa Bay Times. Date Published: December 17, 2021. Available at: <https://www.tampabay.com/news/2021/12/17/usf-initiative-working-to-dispel-vaccine-myths-for-spanish-speakers/>
9. Campisano D. HIV, Latinos and their pursuit of care. USF College of Public Health News. Date Published: October 25, 2021. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/hiv-latinos-and-their-pursuit-of-care/>



10. Telemundo 49 – Tampa Bay. Aclarando dudas sobre la vacuna de Johnson & Johnson. Interview [video; Spanish language]. April 13, 2021. Available at: <https://www.telemundo49.com/coronavirus-local/aclarando-dudas-sobre-la-vacuna-de-johnson-johnson/2052302/>
11. Campisano D. Dean Donna Petersen teams with USF Ombuds Office to organize USF Respectful Responders program. USF College of Public Health News. Date Published: April 9, 2021. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/dean-donna-petersen-teams-with-usf-ombuds-office-to-organize-usf-respectful-responders-program/>
12. Lovett S, Gerena T, Campisano D. Global Health Begins at Home: MCHSO Hosts Virtual Symposium. USF College of Public Health News. Date Published: April 9, 2021. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/global-health-begins-at-home-mchso-hosts-virtual-symposium/>
13. Shalabi L. USF Public Health Experts To Host COVID-19 Vaccination Discussion For Spanish-Speaking Community. WUSF Public Media. Published: Mar 15, 2021. Available at: <https://wusfnews.wusf.usf.edu/health-news-florida/2021-03-15/usf-public-health-experts-to-host-covid-19-vaccination-discussion-for-spanish-speaking-community>
14. Iraheta A. USF to Hold Virtual Spanish Calls on COVID Vaccine, Prevention. Bay News 9. Published: Mar 11, 2021. Available at: <https://www.baynews9.com/fl/tampa/coronavirus/2021/03/11/usf-to-hold-virtual-spanish-calls-on-covid-vaccine--prevention#>
15. Kumar D. USF to host Spanish-language virtual sessions on COVID-19, vaccines. Tampa Bay Times. Date Published: March 10, 2021. Available at: <https://www.tampabay.com/news/health/2021/03/10/usf-to-host-spanish-language-virtual-sessions-on-covid-19-vaccines/>
16. Campisano D. Presenter, speaker, chair: Dr. Miguel Reina Ortiz takes on variety of roles at ASTMH meeting. USF College of Public Health News. Date Published: January 11, 2021. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/presenter-speaker-chair-dr-miguel-reina-ortiz-takes-on-variety-of-roles-at-astmh-meeting/>
17. Mayor A. Leave the potential for COVID-19 contamination at the front door. USF College of Public Health News. Date Published: July 24, 2020. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/leaving-the-potential-for-covid-19-contamination-at-the-front-door/>
18. Gregory J. COVID-19 suggestions for Orlando theme parks leave gaps in guest, employee safety. Orlando Rising. Date Published: May 3, 2020. Available at: <https://orlando-rising.com/covid-19-suggestions-for-orlando-theme-parks-leave-gaps-in-guest-employee-safety/>



19. Brown C. CPH professor presents on HIV epidemic in Ecuador. USF College of Public Health News. Date Published: April 24, 2020. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/coph-professor-presents-on-hiv-epidemic-in-ecuador/>
20. Polanco Stereo. Entrevistas #AlDescubierto. Recording Available [here](#) (1.8K views as of December 5, 2021).
21. Brown C. CPH professor works to solve HIV epidemic in Ecuador. USF College of Public Health News. Date Published: Feb 21, 2019. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/coph-professor-works-to-solve-hiv-epidemic-in-ecuador/>
22. Association of Schools & Programs of Public Health (ASPPH). "South Florida: Public health research seeks to understand how natural disasters impact spread of Zika". ASPPH Connect – Member Research and Reports. Date Published: Jan 25, 2018. Available at: <https://www.aspph.org/south-florida-public-health-research-seeks-to-understand-how-natural-disasters-impact-spread-of-zika/>
23. USF College of Public Health. "Public health research seeks to understand how natural disasters impact spread of Zika". USF College of Public Health News. Date Published: 9 Jan, 2018. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/public-health-research-seeks-understand-natural-disasters-impact-spread-zika/>
24. Aaron Hilf. "Public health research seeks to understand how natural disasters impact spread of Zika". USF Health News. Date Published: Dec 22, 2017. Available at: <https://hscweb3.hsc.usf.edu/blog/2017/12/22/understanding-natural-disasters-impact-disease/>
25. "Alistan estudio sobre VIH-SIDA". Diario La Hora Esmeraldas. Date Published: Jan 22, 2017.
26. Kathmandu University. "Speech by Dr. Reina-Ortiz on GIS and Public Health". Kathmandu University News. Date Published: Jun 5, 2016. <http://www.ku.edu.np/news/index.php?op=ViewArticle&articleId=1524&blogId=1> (Last accessed, February 24<sup>th</sup>, 2019).
27. Cristina Coello. "Sistema Geolocalizador beneficia la toma de decisiones en salud". Redacción Médica. Date Published: Mar 16, 2016. Available at: <https://www.redaccionmedica.ec/secciones/gestion/sistema-geolocalizador-beneficia-la-toma-de-decisiones-en-salud-87380>



28. Anna Mayor. "COPH researchers investigate HIV/AIDS among indigenous Latin American populations". Date Published: Feb 4, 2016. College of Public Health News. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/coph-researchers-investigate-hiv-aids-among-indigenous-latin-american-populations/>
29. **Reina Ortiz M**, Martinez-Tyson D, Izurieta R, Chee V, Bejarano S. Interview in local Kichwa-speaking radio in the context of the research "The syndemic nature of HIV/AIDS among indigenous communities in Latin America". Ilumán, Otavalo, Imbabura, Ecuador. November 12, 2015.
30. MGQ. "A romper mitos del chikungunya". Diario La Hora Esmeraldas. Date Published: May 3, 2015.
31. Interview in local radio in Esmeraldas (Radio Candela, Raices program) to talk about public health concerns and vector-borne disease transmission in Esmeraldas, Ecuador. March 12, 2014.
32. "Conferencistas advierten sobre enfermedades tropicales y VIH". Diario La Hora Esmeraldas. Date Published: Nov 26, 2013
33. FHI. "Conociendo más sobre el VIH-SIDA". Date Published: Nov 25, 2013. Diario La Hora Esmeraldas.
34. USF COPH. "Drs. Miguel Reina Ortiz and Ricardo Izurieta report on HIV/AIDS epidemic in Asia Pacific". College of Public Health News. Date Published: Feb 18, 2013. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/drs-miguel-reina-phd-student-in-gh-and-ricardo-izurieta-publish-article-on-hiv-aids-epidemic-in-asia-pacific/>

## HONOR SOCIETIES AND PROFESSIONAL MEMBERSHIPS

### *Active*

2019 – Present	Member, Injury Control and Emergency Health Services section, American Public Health Association
2019 – 2020	Member, Latino Caucus, American Public Health Association
2017 – Present	Member, Florida Public Health Association
2016 – Present	Member, Delta Omega, Honor Society in Public Health
2015 – Present	Member, HIV section, American Public Health Association. Membership between 2015-2017 & 2019 – present.
2015 – Present	Member, American Public Health Association. Membership between 2015-2017 & 2019 – present.





- 2013 – Present            Member, The Honor Society of Phi Kappa Phi
- 2013 – Present            Member, American Society of Tropical Medicine and Hygiene. Non-continuous.
- Inactive***
- 2018 – 2019                Society for Adolescent Health and Medicine
- 2017 – 2019                Member, American College of Academic International Medicine
- 2012                         Member, National Committee of Research on Tropical and Infectious Diseases (Ecuador)
- 2012 – 2015                Member, Population Association of America
- 2008 – 2012                Member, Ecuadorian Microbiology Society
- 2007 – 2008                Member, Medical College of Esmeraldas
- 2004 – 2005                Member of the Asociación Nacional de Médicos Rurales – Filial Esmeraldas (National Association of Rural Medical Doctors, Esmeraldas Chapter)

## **LANGUAGES**

**Spanish.** Natal Tongue

**English.** Proficient

**Portuguese:** Spoken, written and read: Upper-intermediate.

**French.** Spoken and read: Upper-intermediate; Written: Fair.

**Nepali, Greek, Hebrew, Japanese:** Basic.

## **REFERENCES**

Available upon request.

