

## CURRICULUM VITAE

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

Assistant Professor

Global Communicable Diseases and Global Health Practice

College of Public Health

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## RESEARCH FOCUS AND EXPERTISE

Research and analysis in a range of health issues in a global context including social and structural determinants of communicable diseases as well as malaria epidemiology, treatment and transmission patterns, using advanced statistical and geospatial analyses. The research approaches used have spanned quantitative and qualitative as well as GIS-based spatial data analysis. Additionally, I have been in charge of coordinating/supervising activities as well as collaborating with interdisciplinary teams at international level.

## EDUCATION

<b>University of South Florida</b>	<b>Tampa, FL</b>	Aug 8, 2015
Department of Global Health, College of Public Health		
Doctor of Philosophy, Public Health with concentration on Global Communicable Diseases		
- <b>Effect of Timely Treatment on Malaria Gametocytemia in Esmeraldas, Ecuador</b>		
<b>University of South Florida</b>	<b>Tampa, FL</b>	Dec 2014
Department of Epidemiology and Biostatistics, College of Public Health		
Graduate Certificate in Applied Biostatistics		
<b>University of South Florida</b>	<b>Tampa, FL</b>	Apr 2013
Department of Global Health, College of Public Health		
Graduate Certificate in Global Health Practice		
<b>The Hebrew University of Jerusalem</b>	<b>Jerusalem, Israel</b>	Sep 2011
The Braun School of Public Health and Community Medicine		
Master of Public Health – <b>Fertility Treatment and offspring health outcomes.</b>		
<b>Universidad San Francisco de Quito</b>	<b>Quito, Ecuador</b>	Jun 2009
Institute of Microbiology		
Master of Science, concentration on Microbiology – <b>Modified Th2 response in helminth infections</b>		

**Universidad Central del Ecuador****Quito, Ecuador**

Sep 2004

School of Medicine

Doctor of Medicine and Surgery (MD) – **Graduated with honors**

## 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.

## SPECIALIZATION TRAININGS

2015 International Rapid Assessment, Response and Evaluation (I-RARE) for the study of the Syndemic nature of HIV/AIDS among indigenous populations in Latin America. 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.

## ACADEMIC AND PROFESSIONAL EXPERIENCE

### Academic experience

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

2015 – present Assistant Professor. Department of Global Health, 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 Catolica del Ecuador. Spring, 2008.

## 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. Subcentro de Salud Tachina – Maternal and Child Center. Esmeraldas, Ecuador.

## Consultancies

2009 Consultant for Fundacion Natura Ecuador. Quito, Ecuador.

## RESEARCH AND SCHOLARLY ACTIVITIES

### Manuscripts under peer-review/in submission process

\* Italics for student authors

1. *Dao L*, et al. Risk and Resiliency: The Syndemic Nature of HIV/AIDS in the Indigenous Highland Communities of Ecuador. Public Health – accepted with revisions.
2. **Reina Ortiz M**, Corvin J, Espinel M, Narváez A, Milhous W, Kwa B, Izurieta R. Malaria life cycle dynamics: implications for developing timely treatment-based control strategies for malaria elimination in the Americas.

### Peer-Reviewed Publications

\* Italics for student authors, + = corresponding author

1. *Sharma V*, **Reina Ortiz M**. A holistic approach to redefining Nepal's health-care system. The Lancet Global Health 2019; 7 (3):PE305. [https://doi.org/10.1016/S2214-109X\(18\)30530-8](https://doi.org/10.1016/S2214-109X(18)30530-8).
2. 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. Published online 06 Jan 2019. <https://doi.org/10.1080/2331205X.2019.1565292>

3. 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.
4. *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 10.5539/gjhs.v10n12p1.
5. 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* 2018; 4:1-15. doi: 10.1080/13557858.2018.1493437. [Epub ahead of print]
6. Izurieta R, *DeLacure D, Izurieta A, Hoare I, Reina-Ortiz M*. Mayaro Fever: The Jungle Flu. *Virus Adaptation and Treatment* 2018; 10:9-7. doi: 10.2147/VAAT.S128711
7. **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: 10.1038/s41598-017-15706-w. **4 citations**
8. 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: 10.1177/1557988316646757. **6 citations**
9. 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: 10.1177/1557988316680928. **3 citations**
10. **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. **2 citations**
11. **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.
12. **Reina Ortiz M.+** Los diseños de investigación. *Revista Médica Voz Andes* 2012; 23 (2):95-6. **2 citations**
13. **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.
14. **Reina Ortiz M.+** Enfermedades Infecciosas: Un reto que persiste. *Rev Fac Cien Med (Quito)* 2012; 37: 5-8.

15. **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. **27 citations**
16. **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.

## Peer-Reviewed Publications (Abstracts)

\* Italics for student authors

17. *Le NK*, **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.
18. *Sharma V*, **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.
19. *Chee V*, 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.
20. 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.
21. 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.
22. **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 in preparation

1. **Reina Ortiz M**, Castillo R, Quiñónez M, Díaz C, Valencia J, Corvin J, Espinel M, Narváez A, Milhous W, Kwa B, Izurieta R. Gametocyte prevention opportunity period-based timely malaria treatment and its effects on follow-up gametocytemia: Evidence from a malaria controlled-region of Ecuador. To be submitted to the *American Journal of Tropical Medicine and Hygiene*.

## Book 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.

## Reports

1. 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

\* presenting author / Italics for student authors

1. **Reina Ortiz M\***, Pracht E, Hoare I, Thomas N, Salinas A, *Kurji N*. Post-hurricane mental & behavioral disorders: Age, gender, race, and ethnicity-based health differences in Florida between 1991 and 2014. Abstract submitted to the American Public Health Association (APHA) 2019 Annual Meeting & Expo to be held November 2-6, 2019 in Philadelphia, Pennsylvania.
2. **Reina Ortiz M\***, *Sharma V*, Hoare I, Casanova J, Corvin J. Scenario-based Approaches in Professional Public Health Education: Instilling Leadership through Development of Diplomacy and Communication Skills. Abstract submitted to the American Public Health Association (APHA) 2019 Annual Meeting & Expo to be held November 2-6, 2019 in Philadelphia, Pennsylvania.
3. **Reina Ortiz M**, *Patel J*, Hernandez I, Flores M, Bejarano S, et al. Enhancing Community Asset Mapping methods by incorporating Geographic Information Systems techniques. Abstract submitted to the American Public Health Association (APHA) 2019 Annual Meeting & Expo to be held November 2-6, 2019 in Philadelphia, Pennsylvania.
4. *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. Abstract presented in the 2018 Annual Meeting of the American Society of Tropical Medicine and Hygiene. New Orleans, LA, USA. October 28<sup>th</sup> – November 1<sup>st</sup>, 2018.
5. *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.
6. 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". Abstract accepted for poster presentation at 22<sup>nd</sup> International AIDS Conference (AIDS 2018). Amsterdam, the Netherlands. July 23-27, 2018.

7. 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. June 10-13, 2018.
8. *Sharma V*, **Reina-Ortiz M**, Marhefka S. Post-earthquake HIV risk and mental health: Perceived inequities and resilience among adolescents in Nepal. Abstract accepted for poster presentation at the 2018 Annual Meeting of the Society for Adolescent Health and Medicine in Seattle, WA. March 14-17, 2018.
9. *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. Abstract accepted for poster presentation at the American Public Health Association (APHA) 2017 Annual Meeting & Expo in Atlanta, Georgia.
10. **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). Abstract accepted for oral presentation at the American Society of Tropical Medicine & Hygiene (ASTMH) 65<sup>th</sup> Annual Meeting held November 13-17, 2016 in Atlanta, Georgia.
11. *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. Abstract accepted for oral presentation at the American Public Health Association (APHA) 2016 Annual Meeting & Expo in Denver, Colorado. **1 citation**
12. *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. Abstract accepted for poster presentation at the American Public Health Association (APHA) 2016 Annual Meeting & Expo in Denver, Colorado.
13. **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 at the Third International Conference Vaccinology in the Tropics. Panama City, Panama, Jan 20-22, 2016.
14. **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 at the American Public Health Association’s 2015 Annual Meeting. Chicago, IL Oct 31 - Nov 4, 2015.
15. **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 at the American Public Health Association’s 2015 Annual Meeting. Chicago, IL Oct 31 - Nov 4, 2015.
16. *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 at the American Public Health Association’s 2015 Annual Meeting. Chicago, IL Oct 31 - Nov 4, 2015.

17. **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. Poster presentations at the Annual Meeting of the American Society of Tropical Medicine and Hygiene. Philadelphia, PA Oct 25 – 29, 105.
18. 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, May 15-19, 2015.
19. 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, May 15-19, 2015.
20. 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, Florida. February 20<sup>th</sup>, 2015.
21. **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.
22. **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, 2013.
23. **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, 2013.
24. 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, 2013.
25. **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, 2013.
26. 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, 2013.
27. 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.



28. **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.
29. **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.
30. **Reina Ortiz M\***, Sharma V. HIV Prevalence in Asia and the Pacific: an Ecological Approach to Inequalities in the Region. Abstract accepted for oral presentation at the 2012 Population Association of America, San Francisco, CA, May 3-5 2012.
31. **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, Korea, August 2011
32. **Reina Ortiz M\***. Immunity to *Ascaris lumbricoides* in schoolchildren of rural Ecuador. Oral presentation at the XIX Latin-American Congress on Microbiology in October 18, 2008. Quito, Ecuador
33. **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 in June, 2008. Salvador, Brazil.

## Non-peer-reviewed 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 May 17, 2018. 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 Sep 1, 2017. 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

## Invited Speaker/Instructor at academic events

1. **Reina Ortiz M.** 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. Clearwater, FL. July 28<sup>th</sup>-30<sup>th</sup> 2017.
2. **Reina Ortiz M.** Global Health. Invited Lecturer/Instructor for the 2<sup>nd</sup> Cohort of the Doctor in Health program at Centro de Investigaciones y Estudios de la Salud – Universidad Autónoma de Nicaragua en Managua (CIES-UNAN, Managua). March 2017.
3. **Reina Ortiz M.** Pre-travel consultation and Emergency kit for travelers. Invited Speaker at the I Workshop on Travel Medicine. Quito – Ecuador. March 14, 2016.
4. **Reina Ortiz M.** Global Health in the 21st century: enabling and fostering international collaboration. Guest Lecture at Universidad San Francisco de Quito. Quito, Ecuador. October 14, 2015.
5. **Reina Ortiz M.** Laboratory Instructor and facilitator for the SAS Workshop at the College of Public Health, University of South Florida. Fall 2014.
6. **Reina Ortiz M.** Laboratory Instructor for the Workshop on GIS and Remote Sensing Applied to Health. Quito – Ecuador, November 2013.
7. **Reina Ortiz M\*.** Microarray technologies uses in immunological research. Oral presentation at the First Immunoepidemiology Course, Instituto de Saude Coletiva, Universidade Federal da Bahia in June, 2008. Salvador, Brazil.
8. **Reina Ortiz M.** Guest Instructor in the topic “Pulsed Field Gel Electrophoresis” during the First Course on Molecular Epidemiology, Institute of Microbiology, Universidad San Francisco de Quito. Quito, Ecuador. July, 2006.

## Organization of International Congress and other Academic Events

1. **Co-Chair.** Pre-Meeting Global Health Course. American Society of Hygiene and Tropical Medicine 2019 Annual Meeting.
2. **Co-chair.** Pre-Meeting Global Health Course. American Society of Hygiene and Tropical Medicine 2017 Annual Meeting.
3. **Director/Organizer.** Several Workshops on GIS applied to Health conducted in Nepal and India during May and June, 2016.
4. **Director & Instructor.** II GIS Applied to Health Workshop. Quito – Ecuador, March 14-17 2016.
5. **Co-Director & Instructor.** I GIS Applied to Health Workshop. Quito – Ecuador, October 2013.

## Research Support

### SUBMITTED RESEARCH SUPPORT APPLICATIONS

1. **Co- Investigator.** Mukhopadhyay C (PI). 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.
2. **Principal Investigator.** “Annavan”: Combating Malnutrition in Rural Haitian Children. Funding mechanism: Grand Challenges in Global Health Explorations, Round 21. Requested funding 100,000.00 UDS.
3. **Co-Investigator.** Izurieta R (PI). Ethics Training for Health Investigators of Central And Latin-America (ETHICAL). Funding mechanism: National Institutes of Health – International Research Ethics Education and Curriculum Development Award (R25). Requested funding: 1,187,975.00 USD.
4. **Co-Project Director.** Izurieta R (PD). Malaria Elimination is Attainable Project, Nepal. Achieving Zero falciparum malaria incidence rates in Nepal. Funding mechanism: Private Foundation. Requested Funding 523,360.38 USD.
5. **Principal Investigator.** 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
6. **Co-Principal Investigator.** 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-16-106. Requested Funding: 377,480 USD.
7. **Co-investigator.** Izurieta R (PI). 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.

### ONGOING RESEARCH SUPPORT

1. **Principal Investigator.** Evaluating the impact of Hurricane Irma on the detection rates of vector-borne infectious agents in the State of Florida. USF COPH Faculty Research Award. The goal of this study is to understand post-disaster vector-borne disease dynamics in the context of hurricane-affected areas in Florida post-Irma (2017). Budget: 49,834 USD.
2. **USF Principal Investigator.** Macis M (PI – Johns Hopkins University). Behavioral Nudges, Information And Incentives for HIV Testing: A Field Experiment in Ecuador. Creative and Novel Ideas in HIV Research (CNIHR) Award by the International AIDS Society (IAS) in partnership with the National Institutes of Health (NIH) and the NIH-funded Centers for AIDS Research (CFAR). The goal of this study

is to use an experimental design to evaluate which strategy would lead to increase uptake of HIV testing among participants in Esmeraldas, Ecuador. Budget: 371,630 USD.

#### COMPLETED RESEARCH SUPPORT

1. **Co-Investigator.** The Syndemic Nature of HIV/AIDS Among Indigenous Populations in Latin America. (Fall, 2014). Budget: 100,000 USD.
2. **Investigator.** Effect of timely treatment on *Plasmodium* gametocytemia and malaria incidence rates in the province of Esmeraldas, Ecuador. (Spring 2015). Budget: 1,500 USD.
3. **Co-Investigator.** Microfluidic chamber for the diagnosis of geohelminths. May lead to patent.

#### 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. **Principal Investigator.** Structural Determinants of HIV in Latin America: An Ecological Study (Summer 2013)
4. **Principal Investigator.** Structural Determinants of HIV in Africa: An Ecological Study (Summer 2013)
5. **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.
6. **Principal Investigator.** Sexual Health and Risky Sexual Behavior among Older Adults Living in the Tampa Bay Area (Spring 2013, closed).
7. **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.
8. **Principal Investigator.** HIV Prevalence in Asia and the Pacific: an Ecological Approach to Inequalities in the Region (Summer 2011, closed).

9. **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>.
10. **Co-Investigator.** Sexual Health among Nepalese Adolescents (2011, closed). A research describing risky sexual behavior among Nepalese population.
11. **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.
12. **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.

## TEACHING AND MENTORING EXPERIENCE

### Teaching

Course	Level	Role	Semester	Number of Students
PHC 6764 - Global Health Principles & Contemporary Issues	Graduate	Instructor	Fall 2018	20
			Fall 2017	21
			Fall 2016	29
PHC 6516 Tropical Diseases	Graduate	Instructor	Fall 2018	23
PHC 7935 Tropical Diseases	Doctoral	Instructor	Fall 2018	1
PHC 4140 – Intro to Public Health GIS	Undergraduate	Instructor	Fall 2017	21
			Fall 2016	12
PHC 5933 – Intro to Public Health GIS	Graduate	Instructor	Fall 2017	19
			Fall 2016	6
PHC 7908 – Special Study – Public Health GIS	Doctoral	Instructor	Fall 2017	1
HSC4624 - Foundations of Global Health (on line)	Undergraduate	Co-Instructor / Teaching Assistant (TA)	Summer 2015	94
			Spring 2015	100
			Fall 2014	100
			Summer 2014	65
			Spring 2014	102

HSC4624 - Foundations of Global Health (on line)	Undergraduate		Fall 2013	95
		Instructor	Summer 2013	40
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
			Spring 2019	79
			Fall 2018	79
			Spring 2018	42
Public Health Scholarly Concentration – Morsani College of Medicine (USF)	Graduate Medicine	- Faculty Leader	Fall 2017	42
			Spring 2017	25
			Spring 2015	
			Fall 2014	
			Spring 2019	16
			Spring 2018	17
PHC 6442 - Global Health Applications in the Field	Graduate	Instructor	Spring 2017	12
			Spring 2016	19
PHC 6037 – Public Health Virology	Graduate	Instructor	Spring 2019	9
			Spring 2018	5
			Spring 2017	11
			Spring 2016	10
PHC 6934 – Introduction to Analytical Methods in Global Health	Graduate	Instructor	Summer 2018	1
			Summer 2017	1
			Summer 2016	2
			Summer 2015	2

**Teaching Assistant positions and other teaching positions**

2014 Teaching assistant (ad honorem) 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 (ad honorem) 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

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

1. Rogers K. Developing a Train-the-Trainer Course for Port Health Service Officers at Points of Entry: Course Curriculum, Training Methodologies and Evaluation. DrPH Summer 2018.

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

1. Kernbach M. Effects of dim light on Avian Host competence to West Nile Virus – immunological and virological profiles. Committee Member. PhD Degree. Expected culmination, Fall 2019.
2. Mehra S. “Estimating The Impact of a Select Criteria Pollutant (PM2.5) on Childhood Asthma in Florida”. Committee Member. PhD Degree. 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.

### ***Directed Research – Doctoral Level***

1. 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**

1. Parikh J. Impact of vaccination policies on pertussis incidence. Fall 2018.
2. Gonzalez-Bardales A. Determinants of health outcomes in prion disease. Fall 2018.
3. Pullia A. Physical Activity Among South Asian Women in Western Australia: An Exploratory Study. Summer 2018.
4. Kratzer J. "Air traffic and antibiotic resistance". Summer 2018.
5. Redmond B. "Civil Conflict within the DRC: The Influence of Urban Agriculture". Spring 2018.
6. Butler G. "Zika: A Look Into Microcephaly and Florida's System of Care". Fall 2017.
7. Balkaran T. "Socioeconomic Variables and Zika Infection in Ecuador". Summer 2017.

**Dermatology Postgraduate Residency Program**

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.

**Field Research Mentoring for Graduate/Professional Students**

1. Gonzalez-Bardales A. (MPH Student, USF). Florida Department of Health Bureau. Fall 2018.
2. Jones J. (MPH Student, USF). Improving health literacy. Fall 2018.
3. Perez C. (MPH Student, USF). Data analysis and quality assurance in a youth-serving clinic. Fall 2018.
4. Parikh J. (MPH Student, USF). Performance of microfluidic chamber to diagnose *Ascaris ova*. Fall 2018.
5. Bachan R. (MPH Student, USF). Community-based Public Health in Belize. Fall 2018.
6. Maguire J. (MPH Student, USF). HIV education in Zambia. Fall 2018.
7. Millan E. (MPH Student, USF). Alcoholism and HIV in Ecuador. Summer 2018.
8. David D. (MPH Student, USF). Detection level of Kato-Katz technique for geohelminths. Fall, 2017.
9. Adriana C. (MPH Student, USF). Behavioral nudges of HIV testing in Esmeraldas, Ecuador. Summer 2017.
10. John G. (MPH Student, USF). Innovative Geohelminth Diagnostic Techniques. Tampa, USA.
11. Shirley B. (MPH Student, USF). The syndemic nature of HIV/AIDS among indigenous communities in Latin America. Otavalo, Ecuador. Fall 2015.
12. 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.

**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).



## HONORS, AWARDS AND SCHOLARSHIPS

### **Abshire-Inamori Leadership Academy International Fellowship Fall 2018.**

This highly competitive fellowship is organized by the Center for Strategic and International Studies, selecting outstanding candidates from across the globe.

### **Delta Omega. Honorary Society in Public Health**

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

### **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

### **Love of Learning Award 2013**

Awarded by the Honor Society of Phi Kappa Phi.

### **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.

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

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

### **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.

### **The Honor Society of Phi Kappa Phi**

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

**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.

**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.

## CONTINUING EDUCATION AND TRAININGS

### 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.

### Professional Development

1. **2018 Florida Consortium Learning Assistant Workshop.** Florida International University. Miami, FL. November 17-19, 2018.
2. **Academy for Teaching and Learning Excellence.** First Friday - October. University of South Florida. Tampa, FL – USA. Oct 4, 2018.
3. **Academy for Teaching and Learning Excellence.** First Friday - September. University of South Florida. Tampa, FL – USA. Sep 6, 2018.
4. **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.

## Courses and Conferences

1. **7<sup>th</sup> Annual Conference of the American Society of Health Economists.** Atlanta, GA. June 10-13, 2018.
2. **Society for Adolescent Health and Medicine 2018 Annual Meeting.** Seattle, WA. March 14-17, 2018.
3. **66<sup>th</sup> Annual Meeting of the American Society of Tropical Medicine & Hygiene.** Baltimore, MD. Nov 5-7, 2017.
4. **2<sup>nd</sup> Annual Academic International Medicine Congress.** Clearwater, FL. July 28-30, 2017.
5. **65<sup>th</sup> Annual Meeting of the American Society of Tropical Medicine & Hygiene.** Atlanta, GA. Nov 13-17, 2016.
6. **144<sup>th</sup> Annual American Public Health Association Meeting.** Denver, CO. Oct 29-Nov 2, 2016.
7. **First National Conference on Adolescent Health and Development in Nepal.** Kathmandu – Nepal, May 2-3, 2016.
8. **Sixth Annual American Society of Tropical Medicine & Hygiene Conference in Peru.** Lima – Peru, March 21-23, 2016.
9. **Third International Conference Vaccinology in the Tropics.** Panama City – Panama, January 20-22, 2016.
10. **NIAA Conference on Alcoholism, HIV and Other Comorbidities.** Bogota – Colombia, June 5-6, 2014.
11. **Annual Population Association of America Meeting 2012.** San Francisco, CA May 2012.
12. **Vaccinology in the Tropics.** Gorgas Memorial Institute and University of South Florida. Panama City, Panama. March 15-17, 2012.
13. **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.
14. **Good Laboratory Practice Workshop.** Guayaquil, Ecuador. October 14, 15, 16, 23 and 24, 2011.
15. **Good Clinical Practice Course.** F. Hoffmann-La Roche. Guanajuato, México. June 20th, 2009.
16. **XIX Latin-American Congress on Microbiology.** Asociación Latinoamericana de Microbiología and Sociedad Ecuatoriana de Microbiología. Quito, Ecuador. October, 2008.
17. **IV SCAALA Seminar.** Instituto de Saúde Coletiva, Universidade Federal da Bahia. Salvador, Brazil. June, 2008.

18. **First Immunoepidemiology Course.** Instituto de Saúde Coletiva, Universidade Federal da Bahia. Salvador, Brazil. June, 2008.
19. **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.
20. **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.
21. **First National Course on Molecular Epidemiology.** Institute of Microbiology, Universidad San Francisco de Quito. Quito, Ecuador. 2006.
22. **First National Course on Primary Health.** Asociación Nacional de Médicos Rurales (ANAMER) – Filial Pichincha. Quito, Ecuador. 2004.
23. **Pain Management Course.** Facultad de Ciencias Médicas, Universidad Central del Ecuador. Quito, Ecuador. 2004.
24. **Informatics Course.** Centro de Informática Biomédica, Facultad de Ciencias Médicas, Universidad Central del Ecuador. Quito, Ecuador. 2000.

## SERVICE

### University Service

2018 – to date	Faculty Representative to the COPH Research Committee.
2018 – to date	Faculty Advisor to the Global Health Student Association, COPH, USF.
2018 – to date	Member of Search Committee for two different positions (one faculty, one staff) within the College of Public Health
2017 – to date	Faculty Advisor to the Nepalese Student Association (NeSA) at USF.
2017 – to date	Member of the COPH 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, COPH.
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**

- 2018 Member. Publications Committee. American College of Academic International Medicine.
- 2018 Member. Society for Adolescent Health Medicine.
- 2017 Secretary-Treasurer. American Committee on Global Health – American Society of Tropical Medicine and Hygiene
- 2016 – to date Member of the American Committee on Global Health – American Society of Tropical Medicine and Hygiene
- 2016 – to date Member of the Global Water Pathogens Group, a UNESCO-funded initiative.
- 2016 – to date Member of the International Health Section – American Public Health Association  
Member of the HIV/AIDS Section – American Public Health Association
- 2005 – 2005 Treasurer for the Asociación Nacional de Médicos Rurales – Filial Esmeraldas (National Association of Rural Medical Doctors, Esmeraldas Chapter)

## **Journal Reviewer**

- 2018 - 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.
- 2011 - Member, Editorial Committee of Revista de la Facultad de Ciencias Médicas Quito (Journal of the Quito Medical Sciences Faculty). Quito, Ecuador.

## Conference Reviewer

- 2019 Scientific Judge. USF Health Research Day. Tampa, FL. February 22<sup>nd</sup>, 2019.
- 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

- **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. 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: 25 Jan, 2018. Available at: <https://www.aspph.org/south-florida-public-health-research-seeks-to-understand-how-natural-disasters-impact-spread-of-zika/>
2. 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/>
3. Aaron Hilf. “Public health research seeks to understand how natural disasters impact spread of Zika”. USF Health News. Date Published: 22 Dec, 2017. Available at: <https://hscweb3.hsc.usf.edu/blog/2017/12/22/understanding-natural-disasters-impact-disease/>
4. “Alistan estudio sobre VIH-SIDA”. Diario La Hora Esmeraldas. Date Published: 22 Jan, 2017
5. Kathmandu University. “Speech by Dr. Reina-Ortiz on GIS and Public Health”. Kathmandu University News. Date Published: 5 Jun, 2016. <http://www.ku.edu.np/news/index.php?op=ViewArticle&articleId=1524&blogId=1> (Last accessed, February 24<sup>th</sup>, 2019).
6. Cristina Coello. “Sistema Geolocalizador beneficia la toma de decisiones en salud”. Redacción Médica. Date Published: 16 Mar, 2016. Available at: <https://www.redaccionmedica.ec/secciones/gestion/sistema-geolocalizador-beneficia-la-toma-de-decisiones-en-salud-87380>
7. Anna Mayor. “COPH researchers investigate HIV/AIDS among indigenous Latin American populations”. Date Published: 4 Feb, 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/>

8. **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.
9. MGQ. “A romper mitos del chikungunya”. Diario La Hora Esmeraldas. Date Published: 3 May, 2015.
10. 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.
11. “Conferencistas advierten sobre enfermedades tropicales y VIH”. Diario La Hora Esmeraldas. Date Published: 26 Nov, 2013
12. FHI. “Conociendo más sobre el VIH-SIDA”. Date Published: 25 Nov, 2013. Diario La Hora Esmeraldas.
13. USF COPH. “Drs. Miguel Reina Ortiz and Ricardo Izurieta report on HIV/AIDS epidemic in Asia Pacific”. College of Public Health News. Date Published: 18 Feb, 2013. Available at: <https://hscweb3.hsc.usf.edu/health/publichealth/news/drs-miguel-reina-phd-student-in-gh-and-ricardo-izurieta-publish-article-on-hivaids-epidemic-in-asia-pacific/>

## HONOR SOCIETIES AND PROFESSIONAL MEMBERSHIPS

2018 – Present	Society for Adolescent Health and Medicine
2017 – Present	Member, American College of Academic International Medicine
2017 – Present	Member, Florida Public Health Association
2015 – 2017	Member, American Public Health Association
2016 - Present	Member, Delta Omega, Honor Society in Public Health
2013 - Present	Member, The Honor Society of Phi Kappa Phi
2013 - Present	Member, American Society of Tropical Medicine and Hygiene
2012 - 2015	Member, Population Association of America
2012 - Present	Member, National Committee of Research on Tropical and Infectious Diseases
2008 - Present	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

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

**Portuguese:** Spoken, written and read: Advanced.

**Hebrew, Greek, Italian, German, Hindi, Nepali and Japanese:** Basic.

## **REFERENCES**

Available on request.