

**ISMAEL ALFONSO HOARE**  
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**EDUCATION:**

**Doctor of Philosophy in Public Health**, University of South Florida, Tampa, Florida, December 2007.

**Master of Public Health**, The Johns Hopkins University, School of Hygiene and Public Health, Baltimore, Maryland, May 1995.

**Bachelor of Sciences**, Saint Louis University, St. Louis, Missouri.

Major: Medical Technology, May 1991.

**EXPERIENCE:**

**University of South Florida**

May 2022 – Present.

**Co-PI and Academic Director, Disease Intervention Specialist Training Academy.**

May 2023 – Present. Associate Professor

Department of Global, Environmental, and Genomic Health Sciences,  
Global and Planetary Health Strategic Area, Global Health Department,  
**College of Public Health, USF.**

May 2012 – 2023. Assistant Professor

Global and Planetary Health Strategic Area, Global Health Department,  
**College of Public Health, USF.**

May 2019 – May 2025

**Faculty Leader**

**Public Health Scholarly concentration**

Joint College of Medicine/Public Health program

November 2015 – May 2017; and January 2020 - February 2021.

Department of Global Health, College of Public Health,

**Interim Director of Global Disaster Management & Humanitarian Relief Certificates, Global Health Department, College of Public Health, USF.**

Ismael Hoare  
[iholare@usf.edu](mailto:iholare@usf.edu)

June 2010 – May 2012.  
Department of Global Health, College of Public Health,  
**Affiliate Associate Professor, Global Health Department, College of Public Health, USF.**

Fall 2006 – Summer 2012  
Department of Global Health, College of Public Health,  
**Belize Field School Supervisor**

### **University of Belize**

March 2010 – April 2012.  
**Provost, University of Belize**

August 2008 – February 2010.  
**Dean of the Faculty of Nursing, Allied Health and Social Work, Belmopan Campus**

August 2000 – July 2002.  
**Inaugural Dean of the Faculty of Nursing, Allied Health and Social Work, Belmopan Campus**

August 2000 – April 2012.  
**Tenured Faculty, Faculty of Nursing, Allied Health and Social Work. Belmopan Campus**

### **University College of Belize**

December 1999 - May 2000.  
**Chair of the Development Committee of the Faculty of Nursing, Health Sciences and Social Work, University of Belize Secretariat**

February - May 2000.  
**Chair Science Education Arts & Technology Department**

September 1995 - July 2000.  
**Coordinator of Allied Health Programs (*Pharmacy, Environmental Health, and Medical Laboratory Programs*)**

July 1995 - May 2000.  
**Lecturer in Medical Laboratory Technology Program**

February 1992 - January 1994.  
**Director of Student Services**

**TEACHING:**

**COURSES TAUGHT AT USF 2012 to Present**

**Bachelor's Degree Courses**

HSC 4031 Emerging Infectious Diseases  
**(Fall, Spring & Summer Semesters, 2017-2020)**

HSC 4504 Foundations of PH Immunology  
**(Fall, Spring & Summer Semesters, 2017-2018)**

HSC 4631 Critical Issues in Public Health  
**(Spring & Summer, 2018)**

HSC 4624 Foundations of Global Health  
**(Fall, Spring & Summer Semesters, 2013-2016)**

**Master's Degree Courses**

PHC 6106 Global Health Program Development and Administration (**Fall Semesters 2013-current**)

PHC 6442 Global Health Applications in the Field (**Spring Semesters, 2013-current**)

PHC 6186 Public Health Emergencies in Large Populations (**Spring & Summer Semesters**)

PHC 6907 Independent Study: Public Health (**Spring 2016 & Fall 2017**)

PHC 6934 Disaster Forensics (**Summer Semesters, 2021**)

PHC 6230 Foundations of Humanitarian Assistance (**Fall Semesters, 2015-current**)

PHC 6934 Belize Field School (**Summer Semesters, 2012-2016**)

PHC 6943 Integrated Learning Experience (**Fall, Spring & Summer Semesters**)

PHC 6945 Supervised Field Experience (**Fall, Spring & Summer Semesters**)

PHC 6949 Applied Practice Experiences (**Fall, Spring & Summer Semesters**)

PHC 6977 Special Projects: *Humanitarian Assistance, Disaster Management, Homeland Security, Global Health Practice MPH concentrations* (**Fall, Spring, & Summer Semesters**)

**Doctoral Degree Courses**

PHC 7919 Public Health Doctoral Project (**Fall, Spring, & Summer Semesters**)

PHC 7910 Directed Research (**Fall, Spring, & Summer Semesters**)

PHC 7908 Special Study in Public Health (**Fall, Spring, & Summer Semesters**)

PHC 7980 Dissertation (**Fall, Spring, & Summer Semesters**)

**Joint College of Medicine/Public Health Course**

Public Health Scholarly concentration (**Fall, Spring, & Summer Semesters**)

**MINORS AND CERTIFICATES DEVELOPED AT USF**

Global Communicable Disease Minor and Certificate, 2013  
Global Infectious Diseases DrPH Concentration, 2023-2024

### **COURSES TAUGHT AT UB & UCB 1991-2010**

MLTC1011	Introduction to Medical Laboratory Technology
MLTC1021	Introduction to Medical Laboratory Technology II
MLTC1031	Introduction to Medical Laboratory Technology III
MLTC2011	Applied Clinical Microbiology
MLTC2021	Introduction to Clinic Chemistry & Instrumentation
MLTC202L1	Introduction to Clinic Chemistry & Instrumentation LAB
MLTC2061	Applied Clinical Immunohaematology
MLTC206L1	Applied Clinical Immunohaematology LAB
MLTC2071	Applied Clinical Hematology
MLTC207L1	Applied Clinical Hematology LAB
MLTC2111	Applied Clinical Chemistry
MLTC211L1	Applied Clinical Chemistry LAB
MLTC2241	Urinalysis and Parasitology
MLTC3011	Internship
AENH2211	Epidemiology
ALHL2991	Health Education & Primary Health Care
BPHN 424	Community Health Assessment
BPHN 423	Public Health Practices in Community Development

### **USF ADVISING/MENTORSHIP**

#### **Ph.D.**

Santiago Hernandez BoJorge, Major Professor/ Committee member (2021- current)  
Jeegan Parikh, Major Professor (2021- 2025)  
Daniel Chacreton, Major Professor (2018-2023)  
Samuel Matos, Major Professor (2015-2020)

#### **DrPH**

Jared Hoffman, Committee member (2025- current)  
Shane Roberts, Co-Major Professor (2022-2023)  
Ibrahim Dadari, Co-Major Professor (2019-2023)  
Irue Namata Elangwe, Committee member (2019-2023)  
Lisa Ekpo, Major Professor (2018-2022)  
Daniel Baker, Major Professor (2017-2021)  
Joseph Roth Jr, Committee member (2018-2019)

#### **MSPH**

Tatiana Gardellini Committee member (2017-2019)  
Trinadh Dontamsetti, Committee member (2015)

#### **MPH**

##### **Mentor students in the following concentrations:**

Global Health Practice, 2013-current  
Epidemiology & Global Health, 2018-current  
Global Disaster Management, Humanitarian Assistance & Homeland Security, 2013-2023  
Public Health Practice, 2014-2019

## RESEARCH ACTIVITIES:

### Peer Reviewed Articles *\*Italics – Student author*

Hernandez-Bojorge\*, S., Gardellini, T., Parikh, J., Rupani, N., Jacob, B., **Hoare, I.**, Calvopiña, M., & Izurieta, R. (2024). Ecuador Towards Zero Leprosy: A Twenty-Three-Year Retrospective Epidemiologic and Spatiotemporal Analysis of Leprosy in Ecuador. *Tropical Medicine and Infectious Disease*, 9(10), 246.

<https://doi.org/10.3390/tropicalmed9100246>

Ritchie, KK\*, Izurieta, R., **Hoare, I.**, Choudhari, N., Murray, K., et al. (2024). Mapping Ae. aegypti Bird Bath Habitats for Implementing "Seek and Destroy" Larval Source Management in Hillsborough County, FL USA. *American Journal of Entomology*, 8(1), 1-17. <https://doi.org/10.11648/j.aje.20240801.11>

Dadari I\*, Sharkey A, **Hoare I.**, & Izurieta, I. (2023). Analysis of the impact of COVID-19 pandemic and response on routine childhood vaccination coverage and equity in Northern Nigeria: a mixed methods study. *BMJ Open* 2023;13:e076154.  
DOI:10.1136/bmjopen-2023-076154

Silva-Sobrinho, R.A., Oliveira, K.S., Deschutter, E.J., Moraes Arcoverde, M.A., **Hoare, I.**, Zilly, A., Topanotti, M.L., de Almeida, A.M., Ripoli Meira, M.C., Parra da Luz, L.D., Cicchelero, L.M., & Zimermann, F. (2022). Risk areas for the occurrence of leprosy in border countries of South America - Brazil and Argentina. *PLoS ONE* 17(11): e0276977. <https://doi.org/10.1371/journal.pone.0276977>

Gardellini, T., Le, N.K., **Hoare, I.** et al. Elimination Strategy for Malaria in El Salvador: a Retrospective Study. *Curr Trop Med Rep* 10, 300–308 (2023).  
<https://doi.org/10.1007/s40475-023-00294-9>

Halax Orfao, N, de Paula Andrade, R.L., Ruffino-Netto, A., Florentino da Silva, L.W., Scatena Villa, T.C., Seifert, M.L., Zilly, A., Moraes Arcoverde, M.A., **Hoare, I.**, Izurieta R., & Silva-Sobrinho, R.A. (2023). Influence of COVID-19 on the notification of drug-resistant pulmonary tuberculosis cases. *BMC Infectious Diseases* (2023) 23:497  
<https://doi.org/10.1186/s12879-023-08463-x>

Burnett, AI, Izurieta, R, **Hoare, I.**, Choudhari, N, Casanova, J, et al. (2023). Mapping Potential Anopheles stephensi Habitats for Implementing "Seek and Destroy" Malaria Larval Source Management in Kwale County, Kenya. *American Journal of Entomology*, 7(4), 120-129. <https://doi.org/10.11648/j.aje.20230704.11>

**Hoare, I.**, Agu N, Falope O, Wesley CA, Coulter M. (2022). A Multiple Streams Framework Approach to Access to Domestic Violence Services in an Indigenous Community. *Violence Against Women*. 28(9):2080-2097.  
doi:10.1177/10778012211030947.

Reina Ortiz, M., Sharma, V., Casanova, J., Corvin, J., & **Hoare, I.** (2021). Developing Global Health Diplomacy-related Skills Using a COVID-19-like Epidemic Simulation as a Learning Strategy. *The American Journal of Tropical Medicine and Hygiene*, 105(1), 59–65. <https://doi.org/10.4269/ajtmh.21-0155>

\**Le, N.K.*, Panchang, S., Izurieta, A., Reina, M., **Hoare, I.**, Naik, E., Espinel, M., Teran, E., & Izurieta, R. (2021). 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*. 7(3):137-140.

Izurieta R, DeLacure DA, Izurieta, A, **Hoare IA**, & Reina Ortiz M. (2018). Mayaro Fever: The Jungle Flu. *Virus Adaptation and Treatment*. 10, 9-17. DOI <https://doi.org/10.2147/VAAT.S128711>

Corvin J, Chan I, Tezak A, Carpenter K, Aguado Loi C, Gonzales J, & **Hoare I.** (2017). Caring for Individuals with Chronic Illness and Minor Depression: Latino Perceptions of Caregiver Burden. *Journal of Gerontological Social Work*. 60(1):79-95. DOI: 10.1080/01634372.2016.1268230.

\**Le, N.*, Malavade, S., **Hoare, I.**, Espinel, M., Ribadeneira, MF, & Izurieta, R. (2017). Reemergence of Measles in the Americas: The Genotype B3 2011-2012 Outbreak in Ecuador. *Vaccines (Basel)*. 5(2). pii: E15. DOI: 10.3390/vaccines5020015.

Reina Ortiz, M., Le, N., Sharma V, **Hoare I**, Quizhpe, E., Teran, E., Naik, E., Salihu, H.M., & Izurieta R. (2017). Post-earthquake Zika virus surge: Disaster and public health threat amid climatic conduciveness. *Scientific Reports* 7, Article number: 15408. DOI:10.1038/s41598-017-15706-w

\**Moradi, A.*, Shafer, SE., Izurieta, R., **Hoare, I.**, Pettersen, T., & Jacob, BG. (2016). The persistence of tuberculosis in the United States: Spatial analysis and predictive modeling in the move toward elimination of TB. *Journal of Public Health and Epidemiology*. 8(11), 253-268. DOI: 10.5897/JPHE2016.0838

Aisha Bhimla, Abqariyah Yahya, Salina Abdul Aziz, & **Hoare, I.** (2016). Risk Factors associated with substance abuse among patients with schizophrenia: data from the National Mental Health Registry (NMHR) in Malaysia. *International Journal of Health Sciences* 4(1), 35-47.

Reina-Ortiz, **Hoare, I.**, M., Sharma, V., & Izurieta, R. (2015). Ebola Outbreak in the Western World: Are We Really Ready? *Journal of Global Infectious Diseases*, 7(2), 53-55.

Reina-Ortiz, M., Sharma, V., Izurieta, R., & **Hoare, I.** (2014). Virus del Ébola: reflexiones sobre la reciente epidemia/Ebola Virus: A reflection on the recent epidemic. *Revista Médica Vozandes*, 25(1), 3-4.

Wright, L., Corvin, J., **Hoare, I.**, & Epps, J.B. (2015). Relationship between diet quality and nutrition-related, non-communicable diseases in Belize *International Journal of Nutrition and Dietetics* 2(2), 97-114.

Francois, M.R., Johnson, G., **Hoare, I.**, Wolfson, J., Dziuban, C.D. & Harbison, R.D. (2008). "Predicting return to work in patients with coronary heart disease" *Journal of Medicine*, 39(1-6), 43-52.

### Articles Under Review

#### IN REVIEW

Reina Ortiz M., Chacreton D., Lara D, Izurieta R. & **Hoare I.** *Impact of Hurricane Irma on Arboviral Transmission in Florida. Submitted to the American Journal of Tropical Medicine & Hygiene.*

\*Le N.K., Sharma V., **Hoare I.**, Izurieta R., Reina Ortiz M. *Impact of prior SARS experience on COVID-19 incidence. Submitted to the American Journal of Tropical Medicine & Hygiene.*

Reina Ortiz, M., Sharma, V., **Hoare, I.**, Casanova, J., & Corvin, J. *Scenario-based Approaches in Professional Global Health Education: A Platform for the Development of Global Health Diplomacy-related Skills. To be submitted.*

Reina Ortiz, M., Kloppenburg, B., **Hoare, I.**, Sharma, V., & Izurieta R. *Evaluating the association between canton-level Zika virus transmission and internally displaced populations size in post-earthquake Ecuador. To be submitted to the American Journal of Public Health.*

#### Book/book Chapters

Jacob, B.G., Hoare, I., Choudhari, N., et al. (2025). Intentionally Violating the Univariate Assumption of Homogeneity of Variance Covariance Matrices Employing Non-infinitesimal Default Axiomatic Kolmogorovian Probabilities: The Sub-multiplicativity of the Frobenius Norm Quasi-Newtonian Algorithms and Semi-parametric Markovian Non-gaussian Eigen-Bayesianism for Resolving Tail-Weight Non-trivial Deviant Trajectories in Space Time and Geography for Robustifying Forecasting Hyperendemic Aggregation-Oriented Georeferenceable TB Estimator Determinants in Florida, USA. In: Jacob, B., Michael, E., Masys, A.J. (eds) *Tech Enabled Global Health Security. Advanced Sciences and Technologies for Security Applications*. Springer, Cham. [https://doi.org/10.1007/978-3-031-86997-6\\_6](https://doi.org/10.1007/978-3-031-86997-6_6).

Mosich, S.M., Izurieta, R., Hoare, I., et al. (2025). Interpolating an Eigen-Decomposed *Aedes Aegypti* Swimming Pool Habitat for Implementing “Seek and Destroy” Larval Source Management in Los Angeles County, California. In: Jacob, B., Michael, E., Masys, A.J. (eds) Tech Enabled Global Health Security. Advanced Sciences and Technologies for Security Applications. Springer, Cham. [https://doi.org/10.1007/978-3-031-86997-6\\_7](https://doi.org/10.1007/978-3-031-86997-6_7)

Izurieta, R., Teran, E., Vammen, K., Campos, A., & Hoare, I. (Eds.). (2023). *Water-and-Health in the Americas*. IANAS, IAP. ISBN: 978-987-48732-1-7.

Izurieta, R, Reina Ortiz, M., & **Hoare, I.** (Eds.) (2019). Emerging Infectious Diseases. TopHat. ISBN:978-1-77330-659-9.

### **Peer Reviewed Abstracts/Presentations**

Freer, C., **Hoare, I.**, Levine, M, & Somboonwit, C. DIS Training Academy: A New Approach to Workforce Development. Oral Presentation. STD Engage 2023 Conference. May 15-19, 2023. New Orleans, Louisiana.

\**Hernandez-Bojorge, S.*, Trejos-Saucedo, R., Ruiz, E., Sanabria, G., Solis, I., Sommariva, S., Izurieta, R., Reina-Ortiz, M., Salinas Miranda, A., **Hoare, I.**, Calvo, A., & Martinez-Tyson, D. Social networking services (SNS) as a source of COVID-19 misinformation for Spanish speaking population. Poster Presentation. University of South Florida Social Marketing Conference. May 27-28, 2022. Clearwater Beach, Florida [Poster 102].

\**Ruiz, E. L.*, Hernandez-Bojorge, S., Sanabria, G., Trejos Saucedo, R., Solis, I., Howell, V., Izurieta, R., Reina Ortiz, M., Salinas-Miranda, A., **Hoare, I.**, Calvo, A., Martinez Tyson, D. Spanish-language COVID-19 vaccine information and YouTube: A digital media content analysis. University of South Florida Social Marketing Conference 2022, May 27-28, 2022. Clear Water Beach, FL [Poster #110].

\**Chipman, C.*, Oriol, S.A., & **Hoare, I.**, (2022). Identifying Gaps in Domestic Violence Literature in the Caribbean: A scoping literature review. Poster Presentation at the USF Health Research Day Annual Conference.

Reina Ortiz, M., Pracht E., **Hoare, I.**, Thomas, N., Salinas, A., & Kurji, N. (2020). Post-hurricane behavioral disorders: Health disparities in rates of Florida inpatient episodes between 1991 and 2014. Poster Presentation at the APHA Annual Conference.

Reina Ortiz, M., **Hoare, I.**, Chacreton, D., Lara, D., & Izurieta, R. (2020). Impact of Hurricane Irma on Arboviral Transmission in Florida. Submitted to the American Society of Tropical Medicine & Hygiene (ASTMH) 69th Annual Meeting. Scheduled to be held in Toronto, Canada [held virtually due to COVID-19].

Reina Ortiz, M., Pracht E., **Hoare, I.**, Salinas, A., Thomas, N. & Kurji, N. (2019). Post-hurricane Mental & Behavioral Disorders: gender, race, and ethnic health differences in Florida between 1991 and 2014. Poster Presentation at the APHA Annual Conference.

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.

Sharma V., Reina Ortiz, M., **Hoare, I.**, Thomas, N., & Salinas, A. (2019). Reproductive behavior in post-earthquake Nepal: A comparison using a national-level survey. Poster Presentation at the APHA Annual Conference.

\**Kloppenburg, B., Hoare, I.,* Sharma V., Izurieta, R., & Reina Ortiz, M. (2019). Evaluating the association between canton-level Zika virus transmission and internally displaced populations size in post-earthquake Ecuador. Poster Presentation at the APHA Annual Conference.

Reina Ortiz, M., Sharma V., **Hoare, I.**, Casanova, J., & Corvin, J. (2019). Developing diplomacy, communication and negotiation skills with an emphasis on global health issues. Poster Presentation at the APHA Annual Conference.

**Hoare, I.**, Reina Ortiz, M., & Izurieta, R. (2019). Human Resources for Health: A threat and Opportunity for Belize. Poster presented to the 2<sup>nd</sup> Belize National Research Conference, Belize.

**Hoare, I.**, Morgan P., Falope, O., Agu, N., & Coulter, ML. (2018, March). Domestic Violence: Perceptions of Indigenous Populations in Belize. Paper presented at the 1<sup>ST</sup> National Research Conference, Belize.

**Hoare, I.**, & Corvin, J. (2018, March). Neighborhood Watch Committees in Belize: Platform for Health Education. Poster Presentation at the 1<sup>ST</sup> National Research Conference, Belize.

**Hoare, I.**, & Corvin, J. (2018, March). International Field Experience in Belize: Assessing Mental Health Challenges. Poster Presentation at the 1<sup>ST</sup> National Research Conference, Belize.

**Hoare, I.** (2018, March). Factors Related to Risky Driving Behaviors of Young Adults in Belize. Poster Presentation at the 1<sup>ST</sup> National Research Conference, Belize.

**Hoare, I.**, Coulter, ML., Falope, O., Agu, N., & Morgan P. (2016, November). *Perceptions of Domestic Violence among Indigenous Populations in Belize*. Poster Presentation at the annual meeting of the American Public Health Association, New Orleans, LA.

\*Le, N., Malavade, S., **Hoare, I.**, Espinel, M., Ribadeneira, MF, & Izurieta, R. (2016, March). *Reemergence of Measles in the Americas: The Genotype B3 2011-2012 Outbreak in Ecuador*. International Congress of Ecology and Evolution of Global Communicable Diseases. Quito, Ecuador.

Reina Ortiz M., Mejia M.E., 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 accepted for oral presentation at the American Society of Tropical Medicine & Hygiene (ASTMH) 65th Annual Meeting to be held November 13-17, 2016 in Atlanta, Georgia.

Westhoff, W., Corvin, J., **Hoare, I.**, & Dunn, E. (2014, November). “*Next Generation Disaster Management Experts: Field Experience with a Global Perspective*”. Poster session presented at the annual meeting of the American Public Health Association, New Orleans, LA.

Dunn, E., **Hoare, I.**, Corvin, J., Liberatoscioli, D., Gordon, C., Owiti, S., & Rebollon, A. (2014, November). “*Global Health Challenges: Disaster & Humanitarian Relief in Belize*”. Poster session presented at UCF Global Health Conference, Orlando, FL.

Westhoff, W., Ochoa, T., Izurieta, R., Corvin, J. & **Hoare, I.** (2007). *Emergency Medical Response Assessment*. American Public Health Association.

### **Peer Reviewed Oral Presentations**

**Hoare, I.**, Reina Ortiz, M., Corvin, J., & Izurieta, R. (2021). We feed mostly on the....things that we grow: The role of cultural identity and diabetes in southern Belize. Oral Presentation at the APHA Annual Conference 2021.

Calvo, A., Martinez-Tyson, D., Reina Ortiz, M., Izurieta, R., Salinas-Miranda, A. & **Hoare, I.** (2021). University of south Florida’s “salud Latina” initiative to address health disparities among latinx communities in the US and abroad. Oral Presentation at the APHA Annual Conference 2021.

**Hoare, I.**, Reina Ortiz, M., Chacreton, D., Le, N. & Izurieta, R. (2021). *Exploring the association between social distancing and national-level peaks in sars-cov-2 death incidence*. Oral Presentation at the APHA Annual Conference 2021.

*Chacreton, D. \**, Reina Ortiz, M., **Hoare, I.**, Le, N. & Izurieta, R. (2021). *Evaluating the effect of national-level social distancing on the onset of peak sars-cov-2 daily case incidence*. Oral Presentation at the APHA Annual Conference 2021.

Reina Ortiz, M., **Hoare, I.**, Chacreton, D., Lara, D. & Izurieta, R. (2019). *Evaluating the impact of hurricane Irma on arboviral activity in Florida*. Round Table Presentation at the APHA Annual Conference 2021.

**Hoare, I.**, Westhoff, W., & Corvin, J., (2014, November). *Partnering to Reduce Chronic Disease: Neighborhood Watch Committees in Belize*. Oral Presentation at the annual meeting of the American Public Health Association, New Orleans, LA.

### **Non-Peer Reviewed Manuscripts**

Izurieta, R., & **Hoare, I.** (2017). “What Health Risks Are Facing Storm Hit Puerto Rico?” Article requested by Latin Advisor, October 5, 2017.

<https://www.thedialogue.org/>

**Hoare, I.** (2014). “National Human Resources for Health Policy, Grenada.” Policy document developed for the Ministry of Health, Grenada in collaboration with the PAHO/WHO Office of the Program Coordinator, Barbados.

**Hoare, I.**, & Hoare, O. (2009). “Rapid Situation Assessment of Vulnerable Groups to HIV/AIDS in Belize.” A study commissioned by UNICEF, Belize Office.

Pan American Health Organization (2010). Health Systems Profile Belize: Monitoring and Analyzing Health Systems Change/Reform. Washington, D.C.: PAHO/OPS. Peer reviewed by **Hoare, I.** ([https://www.paho.org/paho-usaid/index.php?option=com\\_docman&view=document&slug=health-system-profile-of-belize-2009&layout=default&alias=10154-health-system-profile-of-belize-2009&category\\_slug=hss-perfiles-sistemas-de-salud&Itemid=3505&lang=en](https://www.paho.org/paho-usaid/index.php?option=com_docman&view=document&slug=health-system-profile-of-belize-2009&layout=default&alias=10154-health-system-profile-of-belize-2009&category_slug=hss-perfiles-sistemas-de-salud&Itemid=3505&lang=en) )

**Hoare, I.**, Hoare, O. & Aldana, J. (2008). “Sexual Behavior Survey Report.” A study commissioned by the National AIDS Commission, Belize.

**Hoare, I.** (2007). “Attitudinal factors related to driving behaviors of young adults in Belize: An Application of the Precaution Adoption Process Model.” Dissertation.

Westhoff, Ochoa, T., Izurieta, R., & **Hoare, I.** (2007). *An Assessment of the Health Promotion and Preventive Interventions among Military Personnel in the Colombian Armed Forces*. United States Southern Command, Miami.

Westhoff, W., Ochoa, T., & **Hoare, I.** (2006). *An Emergency Medical Response Assessment of San Salvador, El Salvador*. United States Southern Command, Miami.

Westhoff, W., Ochoa, T., & **Hoare, I.** (2006). An *Emergency Medical Response Assessment of Guatemala City, Guatemala*. United States Southern Command, Miami.

Westhoff, W., Ochoa, T., & **Hoare, I.** (2006). An *Emergency Medical Response Assessment of Belize*. United States Southern Command, Miami.

Westhoff, Ochoa, T., & **Hoare, I.** (2006). An *Emergency Medical Response Assessment of Bogota, Colombia*. United States Southern Command, Miami.

## GRANT APPLICATIONS:

Principal Investigator (**0.12 FTE**): FY2024-25 DIScovering Competencies for Disease Intervention Professionals.

ASPPH Grant: \$149,902 (Co-PI: Charurut Somboonwit) (**Funded**)

Co-Principal Investigator (**0.50 FTE**): FY2024-26 FDOH Disease Investigation Specialist Training Academy (DISTA).

CDC Grant: \$6,000,000 (Co-PI: Charurut Somboonwit) (**Funded**)

Investigator (**0.50 FTE**): FY2022-23 FDOH Disease Investigation Specialist Training Academy (DISTA).

CDC Grant: \$6,000,000 (Co-PIs: Marissa Levine & Charurut Somboonwit) (**Funded**)

Co-Principal Investigator: FY 2021-22 Interdisciplinary Team Award Application: Pilot test of a curriculum to increase awareness and self-efficacy towards disaster preparedness.

COPH: \$67,923 (PI: Amber Mehmood) (**Funded**)

Principal Investigator: FY 2018-19 Interdisciplinary Team Award Application: Disease conceptualization among Amerindian and African Diaspora populations: Interactions between non-communicable and infectious diseases on health outcomes in the Americas.

COPH: \$95,358 (**Partially funded**)

Co-Investigator: Effects of climate variability, seasonality and soil characteristics on the development, dormancy, and inactivation of Soil Transmitted Helminths (STH).

NSF: \$1,538,815. (PI: Ricardo Izurieta)

Co-Investigator: Spring 2018: “Ethics Training for Health Investigators in Central and Latin-America” (ETHICAL).

NIH: R25 PAR-16-081 \$1,187,975. (PI: Ricardo Izurieta)

Principal Investigator: Spring 2018: Disease conceptualization among Amerindian and African Diaspora populations: Interactions between non-communicable and infectious diseases on health outcomes in the Americas.

NIH: R21 PAR-16-052 \$250,000

Co-Principal Investigator: Internal Pre-proposal Moore Inventor Fellows Spring 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. \$598,073. (PI: Ricardo Izurieta)

Co- Investigator: Grants Challenges India Spring 2018: Antimicrobial resistance in community settings: utilizing the ‘One Health’ perspective to break the resistance chain. \$88,000. (PI: Chiranjay Mukhopadhyay)

Co-Principal Investigator: COPH Spring Internal Grant Awards 2018: Evaluating the impact of Hurricane Irma on the detection rates of vector-borne infectious agents in the State of Florida. \$49,834. (PI: Miguel Reina Ortiz) (**Funded**)

Principal Investigator: USF New Researcher Grant Award-Spring 2016: Understanding the true impact: Health-related issues in an Indigenous Community in Southern Belize. \$10,000 (**Funded**)

Co-Principal Investigator: COPH Spring Internal Grant Awards 2015: Using Syndemic Theory and CBPR Approaches to study HIV/AIDS Among Indigenous Populations in Latin America: Risk and Resilience. \$100,000. (PI: Julie Baldwin, PhD) (**Funded**)

Principal Investigator: COPH Faculty International Program Development Award Program: Investigating domestic violence interventions in Belize. \$3,500. (**Funded**)

Principal Investigator: COPH Dean’s Award: Health Needs Assessment of Piccini Area, Belize. \$3,000. (**Funded**)

Principal Investigator: COPH Faculty International Program Development Award Program: Belize Field School: Establishing an Experiential Learning Site for Global Health Students. \$3,500. (**Funded**)

Co- Principal Investigator Spring 2016: Infectious disease following a 7.8 earthquake in Ecuador: Prevalence, prevention and control measures in the town of Pedernales. NIEHS: RFA-ES-16-005

Co- Principal Investigator Spring 2016: Community/System Resilience and cross-cutting Issues

CDC Announcement 2016 – N – 17770 Public Health Emergency Preparedness and Response Applied Research (PHEPRAR)

Ismael Hoare  
[ihoare@usf.edu](mailto:ihoare@usf.edu)

Co- Principal Investigator Spring 2016: Effectiveness methods to identify vulnerable and at-risk populations to increase ability to prepare for, withstand and recover from Public Health Emergencies.

CDC Announcement 2016 – N – 17770 Public Health Emergency Preparedness and Response Applied Research (PHEPRAR)

Principal Investigator: COPH Individual Investigator Awards-Spring 2015: Motor Vehicle Crashes in Belize: Developing a profile for MVC injury and deaths.

Principal Investigator: USF Research & Innovation Internal Awards Program: Spatial distribution of Motor Vehicle Crashes in Belize: Developing a predictability model and GIS map for future high crash activity. \$10,000.

Principal Investigator: COPH Spring Internal Grant Awards 2013 Program: Quantitating Spatiotemporal distribution of Motor Vehicle Crashes in Belize: Constructing a Real-time Geopredictable Autoregressive Model for Identifying High Frequency Crash Sites. \$24,800. (Co-PI: Benjamin Jacobs, PhD)

Co-PI: Ralph E. Powe Junior Faculty Enhancement Award Research Pre-Proposal: Community Assessment of Belizean Nutritional Needs and Barriers to Health Care Access. \$10, 000 (Hoare I., P.I. & Wright, L., Co-P.I.)

## SERVICE ACTIVITIES:

### **SCHOLARLY REVIEW SERVICE**

#### **Journals**

PLOS ONE Journal  
PLOS Global Public Health Journal  
Preventing Chronic Disease Journal  
Frontiers in Medicine Journal  
The Journal Tropical Medicine and Infectious Disease  
Journal of Family Violence  
Sage Book, *Planning, Implementation, and Evaluation in Public Health*, Reviewer, 2017

#### **Grant Review**

Centers for Disease Control and Prevention (CDC), Center for Global Health Special Emphasis Peer Review Panel, 2022, 2023, 2024

#### **Meeting Abstract Review**

APHA, 2015 – Current  
RISE Summer Scholarly Award Review, 2021  
USF Research Day, 2017-2019, 2024 & 2025

## SERVICE TO THE COLLEGE OF PUBLIC HEALTH, USF:

### **University of South Florida Faculty Senate Member**

Elected Representative, College of Public Health  
Term: Fall 2024 – Spring 2027

### **USF-Health High Risk Committee**

Member, October, 2014 to Present  
USF-Health Committee utilizes USF Health faculty expertise to develop procedures for maintaining the safety and security of USF Health faculty and students while abroad and conduct assessments for students interested in traveling to high-risk countries.

### **COPH Peace Corps Coverdell Committee**

Member, 2024 to Present.

### **COPH Education Committee**

Member, 2017 to Present.

### **COPH Diversity Committee**

Member, 2015 to Present.

**MCH Student Paper Award Committee**

Member, June, 2014 to Present

Committee established the criteria of the first award and reviewed submissions for the inaugural award.

**COPH Research Committee**

Member, 2018 to 2020.

**COPH Masters of Public Health Workgroup**

Member, November, 2015 - 2018.

**COPH Graduate Academic Programs and Curriculum Committee**

Member, December, 2014 to 2018

Committee oversees and provides leadership for the development of graduate programs at the College of Public Health, USF.

**Public Health Practice Advisory Committee**

Member, April, 2014 to October, 2015.

Committee oversees and provides leadership for the development of Public Health Practice and Executive programs at the College of Public Health, USF.

**Undergraduate Academic Programs and Curriculum Committee**

Member, January, 2013 to June, 2016

COPH Committee oversees and provides leadership for the development of undergraduate programs at the College of Public Health, USF.

**Historian COPH Faculty Assembly**

August, 2013 to October 2014

Coordinates meeting of Faculty Assembly at the College of Public Health, USF.

**Global Health Undergraduate Committee**

Member, February to May, 2013.

GLO Committee oversaw and provided leadership for the development of four undergraduate minor and certificate programs for the Department of Global Health.

**Streamlining Global Health MPH Programs Committee**

Member, April, 2013 to 2023

GLO Committee oversees the re-structuring of Global Health Practice and Global Communicable Disease MPH programs in the Department of Global Health.

**Nutrition Program Committee**

Member, October, 2012 to 2020

CFH-GLO Committee is coordinating the development of an inter-departmental Nutrition academic program in the College of Public Health.

**SERVICE TO BELIZE AND CARIBBEAN COMMUNITY:**

**University of Belize Institutional Review Board,**  
Member 2022 to Present

**Advisory Committee for the Human Resources in Health Planning and Management Courses for the Caribbean, PAHO/WHO**  
Member, September, 2010 to 2017.  
Advisory group drafted document outlining components in planning and management for HRH training program.

**Human Resources Observatory Steering Committee, MOH,**  
Member, September, 2008 to May 2012.  
Committee oversaw the drafting of three seminal documents on HRH in Belize: Baseline Indicators. 20 goals for a decade in HRH Belize, 2009, Core Data Human Resources for Health Belize 2009, and Working Together for our Future: Belize's Health Workforce Strategic Plan 2010-2014, 2010.

**Technical Committee for the establishment of the First Field Epidemiology and Laboratory Training Program (MOH, CDC, PAHO and UB Collaboration) in Belize.**  
Member, October, 2009 to May 2012.

**Belize Intern Placement, Department of Global Health, COPH, USF**  
January-July 2008 & 2010.

**Public Health Practice Program Comprehensive Exam, COPH, USF**  
Proctor, March 2009 & 2010.

**Belize Committee for Research Ethics, MOH,**  
Member, February, 2009 to May, 2012.

**National Articulation Framework committee, Association of Tertiary level institutions of Belize, (ATLIB)**  
Member, January, 2009 to May 2012.

**National Articulation Framework sub-committee Institutional Standards, ATLIB,**  
Member, January, 2009 to May 2012.

**Quality Assurance committee, ATLIB,**  
Member, January, 2009 to May 2012.

**Intern Supervision, College of Public Health, USF**  
January-July 2009.

**Measurement and Evaluation Subcommittee, National AIDS Commission,**  
Member August 2007 – August 2009

### **PROFESSIONAL AFFILIATIONS:**

American Public Health Association, Member 2007 - Current  
Florida Public Health Association, Member 2012 – Current

### **PROFESSIONAL AWARDS:**

USF SoL Faculty Award, 2022  
Delta Omega Honorary Society, Tau Chapter, 2021  
Fulbright Scholar, 1994-1995

### **SKILLS:**

Fluent in English, Spanish, and English Creole languages.  
Cultural competency in Latino and Indigenous populations (*Ketchi, Yucatec, & Mopan Maya, Garifuna, and English Creole*).  
Competency-based curriculum development in health programs.  
Pedagogy based computer skills: Canvas, Moodle, Captivate, Blackboard

### **CONTINUING PROFESSIONAL DEVELOPMENT**

- March 2025. GenAI in Action: Impact and Possibilities. USF Innovative Education
- September 2024 Artificial Intelligence in Education Explorer, Auburn University
- Summer Semester 2024. AI- Augmented Course Design Institute- Using Backward Design for Course Development. Center for Innovative Teaching and Learning (CITL), USF.
- May 2024. Teach Students How to Learn: Critical Thinking, Metacognition Practices, and Learning Theories CITL, USF
- May 2024. Emotional Rescue: Using Emotions to Maintain Student Engagement. CITL, USF
- April 2024. How to Use AI for Course Design and Assessment. Contact North/Contact Nord
- April 2024. Re-Imagining Learning and Teaching III: Latest in Generative AI. CITL, USF
- May 2024. Cyber Security Awareness Training. USF
- March 2024. Re-Imagining Learning and Teaching II: AI-Augmented Practices. CITL, USF
- February 2024. ChatGPT: Re-Imagining Learning and Teaching. CITL, USF
- February 2024. Teaching Students How to Learn. CITL, USF
- September 2023. Teaching and Learning with AI Series. CITL, USF
- September 2023. Foundations of Project Management. Academic Impressions.
- Spring Semester, 2023. Health Equity: Health Providers Train the Trainer Program. Moffitt Cancer Center.

- July 2023. Leveraging LMS (Canvas) to Improve Grading and Assessment Workshop. CITL, USF.
- November 2022. Virtual Caribbean Network of Research Ethics Committees (CANREC) Training. CARPHA
- December 2022. Starting on the Right Foot in the classroom. CITL, USF
- November 2022. Building Classroom Community. CITL, USF
- December 2022. Competency-based education in higher education. CITL, USF
- October 2022. The Rosenthal Effect: Expect More, Get More. CITL, USF
- October 2022. Micro-credentials and Badging in Higher Education. Academic Impressions
- September 2022. Centering Course Structures. CITL, USF
- September 2022. Security and Risk Analysis in Humanitarian Negotiations. USAID/Harvard Humanitarian Initiative.
- Spring Semester 2022. Inclusive and Equitable Pedagogy. USF Innovative Education.