

Curriculum Vitae

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Education:

1998	B.A.	Psychology	San Marcos National University
2012	MS (c)	Public Health	Cayetano Heredia Peruvian University
2018	MS (c)	Research and Education	San Marcos National University

Professional Training

2020-2021	Harvard LEAD Fellow	Harvard Global Health Institute Cambridge, MA
1/2021-5/2022	Research Fellow in Global Mental Health Implementation Science	Harvard Medical School

Other Professional Positions

2008	Consultant	CARE PERU
2007	Consultant	San Marcos Foundation
2006-2007	Research Assistant	Peruvian Institute of Responsible Parenthood
2001-2003	Assistant Instructor	Cayetano Heredia Peruvian University Department of Public Health and Administration
2000-2003	Assistant Study Coordinator	Cayetano Heredia Peruvian University

		Department of Public Health and Administration, Mental Health Unit
2000	Final Editor	Cayetano Heredia Peruvian University Flora Tristan Peruvian Women's Center
1999-2002	Member	Non-Governmental Organization LULI
1998-2000	Psychologist Head of Mental Health	Villa Maria de Perpetuo Socorro Health Center
1997-1999	Research Psychologist	Children's Health Institute

Major Administrative Leadership Positions

2019-Present	Director, Mental Health Program	Partners In Health, Peru Branch
2016-2018	Director, Intervention Projects	Partners In Health, Peru Branch
2014-2015	Deputy Director of Research	Partners In Health, Peru Branch
2003-2014	Project Coordinator	Partners In Health, Peru Branch

Committee Service

Professional Societies

2014 - 2017	Tuberculosis Trials Consortium	Member, Community Research Advisory Group
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Editorial Activities

2022-	Cambridge Prisms: Global Mental Health	Member, Editorial Board
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Honors and Prizes

2002	Scholarship from the Department of Public Health and Administration of UPCH to obtain a Master's in Public Health	
2000	First graduate with the major in Adolescent Health	
1999	Scholarship from the United Nations Population Fund (UNFPA) to obtain a Major in Adolescent Health.	

Funded Research Projects

Current

2022-2024

Title: Development and pilot testing of an optimized conversational agent or "chatbot" for Peruvian adolescents living with HIV to facilitate mental health screening, education, self-help, and linkage to care.

Funder: International AIDS Society, CIPHER Program

Role: Co-Investigator (PI: Galea, JT)

This proposal develops and tests for feasibility and acceptability of a "chatbot" to deliver depression education, self-help skills, and care linkage for adolescents living with HIV (ALWH) in Lima, Peru and builds on several years' experience by our team in providing accompaniment to ALWH struggling to maintain optimal antiretroviral adherence. Borne out of our work with Peruvian ALWH, this project is in direct response to their request to increase access to depression care services.

Past

2020-2022

Title: Global Mental Health: The PIH Cross-Site Mental Health Learning Collaborative: Capacity building for mental health care delivery and implementation.

Funder: Grand Challenges Canada Grant Number R-TTS-2106-40386

Role: Project Lead

The Partners In Health (PIH) Cross-Site Mental Health Program and Mental Health Learning Collaborative (MHLC) focuses on increasing the reach and quality of evidence-based, culturally adapted, mental health services, and ensures that health systems are equipped to support and manage quality mental health care. Members of the MHLC hold virtual meetings approximately once a month to support implementation, knowledge exchange, and program development, alongside site-to-site specific training and supervision. Through the MHLC, PIH site teams have expanded access to care, improved quality of services and piloted implementation strategies to strengthen the scope of mental health services provided to their communities. (PI: Raviola, Contreras)

2020-2021

Title: Protection and Health Assistance for Communities Affected by COVID-19 in Peru

Funder: 720FDA20GR00143, USAID

Role: Principal Investigator

To provide mental health services to vulnerable communities highly impacted by COVID-19. The proposed target locations for the project are notable areas of significant transmission and vulnerability in Peru.

2019-2021

Title: WHO EQUIP: Ensuring Quality in Psychological Support.

Funder: WHO Registration 2020/1043477-0 (PI: Khort, B)

Role: Co-Investigator

The goal of this project was to test a platform for training and supervision of mental health and psychosocial support helpers (particularly non-specialist providers) by applying the platform to helpers who will deliver WHO low-intensity psychological interventions and related non-WHO psychological interventions. This platform, entitled Ensuring Quality in Psychological Support (EQUIP), is an online resource being developed to include materials for evaluating core and specific competencies, training and training remediation for learning and attaining core competencies, and implementation guidance on designing and conducting competency-based trainings and supervision. The research evaluated the feasibility, acceptability, perceived utility, reliability, and validity of the EQUIP platform and its materials in seven (7) countries: Jordan, Kenya, Lebanon, Peru, Uganda, Zambia and Ethiopia.

2015-2019

Title: Expanding the use of novel drugs for the treatment of MDR TB (EndTB)

Funder: UNITAID (PI: Mitnick)

Role: Project Director

This was a Phase III, randomized, controlled, open-label, non-inferiority, multi-country trial evaluating the efficacy and safety of new combination regimens for MDR-TB treatment.

2016-2019

Title: Accompaniment in early stimulation and community-based social support for children from 6 to 24 months in Carabayllo, Lima -Peru (CASITA)

Funder: 0769-05, Grand Challenges Canada (PI: Shin)

Role: Project Director

This project transitioned to scale a community-based an early stimulation coaching and social support program to improve the neurologic development among children aged 6 to 24 months at risk of developmental delay who live in the resource-poor community of Carabayllo District in Lima, Peru.

2017-2018

Title: Health and Nutrition to pregnant women in the district of Carabayllo, Lima – Peru (Sáname)

Funder: R-ST-POC-1707-07122, Grand Challenges Canada (PI: Lecca)

Role: Project Lead

Sáname was a community-based prenatal care initiative that integrates nutrition education, social support, income generation, and collaboration with the Peruvian Ministry of Health to improve outcomes related to nutrition during pregnancy.

2018-2020

Title: Support program for adolescents and women for the implementation of Healthy Families in the district of Carabayllo, Lima Peru. (FASA)

Funder: STBP/TBREACH/GSA/W6-28, STOP TB/UNOPS (PI: Keshavjee)

Role: Project Director

FASA was a community health initiative that seeks to improve family health in the urban population in the district of Carabayllo.

2018-2020

Title: *Ally Wambra (Niño saludable)*: Technological innovation in a community intervention to reduce anemia in children under 2 years of age.

Funder: R-ST-POC-1808-17325, Grand Challenges Canada (PI: Lecca)

Role: Project Director

This project evaluated the benefits of 6 educational videos in a community intervention on the receptive feeding of caregivers of children under 2 years of age with anemia.

2017-2018

Title: Strengthening job skills through educational complementation in young people living in poverty . (FOCU)

Funder: The One Body One Spirit Movement (OBOS-CARITAS-SEOUL)

Role: Principal Investigator

The objective of this project was to contribute to the strengthening of work skills in young people living in poverty and/or extreme poverty, providing educational complementation.

2017-2018

Title: Elimination of TB: Understanding and empowerment of the population of Carabayllo.

Funder: Harvard Medical School Department of Global Health and Social Medicine y Partners In Health. (PI: Lecca)

Role: Project Director

The objective of this project was to understand the TB situation in the community and empower the population in TB issues in the district of Carabayllo.

2011-2017

Title: Randomized Trial of High-Dose Rifampin in Patients with New Smear-Positive TB (HIRIF)

Funder: US NIHL U01 AI091429 / DMID 11-0050 (PI: Mitnick)

Role: Project Director

This was a Phase 2b randomized, controlled, blinded clinical trial evaluating the potential of high doses of rifampin to shorten treatment for TB in Peru (ClinicalTrials.gov NCT01408914).

2013-2017

Title: Prospective, Randomized, Blinded Phase II Pharmacokinetic/Pharmacodynamic Study of the Efficacy and Tolerability of Levofloxacin in Combination With Optimized Background Regimen for the Treatment of MDR-TB (Opti-Q)

Funder: U01 AI100805 / DMID 13-0057 / TBTC Study 32 (PI: Horsburgh)

Role: Project Director

This was a Phase 2, multi-site dose-ranging trial to define the optimal use of levofloxacin in MDR-TB treatment (ClinicalTrials.gov NCT01918397).

2016

Title: Community Approach in Early Childhood Development (ECD) in Health Houses in peri-urban and rural areas of Carabayllo, Lima.

Funder: HAMPYDIT (PI: Shin)

Role: Project Director

This project sought to show that a community intervention with community health agents in the Casas de la Salud is feasible, practical and acceptable to reduce the delay in neurological development in children of 6 - 24 months in the district of Carabayllo.

Report of Scholarship

Publications

Peer reviewed publications in print or other media

Research investigations

1. Asgari S, Luo Y, Huang CC, Zhang Z, Calderon R, Jimenez J, Yataco R, **Contreras C**, Galea J, Lecca L, Jones J, Moody DB, Murray M, Raychaudhuri S (2022). Higher native Peruvian genetic ancestry proportion is associated with tuberculosis progression risk. Cell Genomics, Volume 2, Issue 7, 2022, 100151, ISSN 2666-979X, <https://doi.org/10.1016/j.xgen.2022.100151>.
2. Huang CC, Tan Q, Becerra MC, Calderon R, Chiang SS, **Contreras C**, Lecca L, Jimenez J,

- Perez-Velez CM, Roya-Pabon CL, Yataco R, Xu H, Zhang Z, Murray M (2022). The Contribution of Chest Radiography to the Clinical Management of Children Exposed to Tuberculosis. *Am J Respir Crit Care Med*. 2022 May 24. doi: 10.1164/rccm.202202-0259OC. Epub ahead of print. PMID: 35608549.
3. Brooks MB, Millones AK, Puma D, **Contreras C**, Jimenez J, Tzelios C, et al. (2022) Mapping local hot spots with routine tuberculosis data: A pragmatic approach to identify spatial variability. *PLoS ONE* 17(3): e0265826. <https://doi.org/10.1371/journal.pone.0265826>.
 4. Brooks MB, Lecca L, **Contreras C**, Calderon R, Yataco R, Galea JT, Huang CC, Murray MB, Becerra MC (2021). Prediction Tool to Identify Children at Highest Risk of Tuberculosis Disease Progression Among Those Exposed at Home, *Open Forum Infectious Diseases*, Volume 8, Issue 11, November 2021, ofab487, <https://doi.org/10.1093/ofid/ofab487>.
 5. Yuen CM, Puma D, Millones AK, Galea JT, Tzelios C, Calderon RI, Brooks MB, Jimenez J, **Contreras C**, Nichols TC, Nicholson T, Lecca L, Becerra MC, Keshavjee S. Identifying barriers and facilitators to implementation of community-based tuberculosis active case finding with mobile X-ray units in Lima, Peru: a RE-AIM evaluation. *BMJ Open*. 2021 Jul 7;11(7):e050314. <https://doi.org/10.1136/bmjopen-2021-050314>
 6. Miller AC, Rumaldo N, Soplapuco G, Condeso A, Kammerer B, Lundy S, Faiffer F, Montañez A, Ramos K, Rojas N, **Contreras C**, Muñoz M, Valdivia H, Vilca D, Córdova N, Hilario P, Vibbert M, Lecca L, Shin S. (2021). Success at Scale: Outcomes of Community-Based Neurodevelopment Intervention (CASITA) for Children Ages 6-20 months With Risk of Delay in Lima, Peru. *Child Dev*. 2021 Nov;92(6):e1275-e1289. doi: 10.1111/cdev.13602. Epub 2021 Jun 11. PMID: 34114651.
 7. Chu A, Lecca L, Calderón R, **Contreras C**, Yataco R, Zhang Z, Becerra M, Murray M, Huang CC (2021). Smoking Cessation in Tuberculosis Patients and the Risk of Tuberculosis Infection in Child Household Contacts, *Clinical Infectious Diseases*, Volume 73, Issue 8, 15 October 2021, Pages 1500–1506, <https://doi.org/10.1093/cid/ciab504>.
 8. Galea JT, **Contreras C**, Wong M, Ramos K, Vargas V, Sánchez H, Errea RA, Lecca L, Franke MF (2021). A non-specialist depression care pathway for adolescents living with HIV and transitioning into adult care in Peru: a nested, proof of concept pilot study. *Global Mental Health* 8, e17, 1–6. <https://doi.org/10.1017/gmh.2021.16>
 9. Coleman, S. F., Mukasakindi, H., Rose, A. L., Galea, J. T., Nyirandagijimana, B., Hakizimana, J., Bienvenue, R., Kundu, P., Uwimana, E., Uwamwezi, A., **Contreras C.**, Rodriguez-Cuevas, F. G., Maza, J., Ruderman, T., Connolly, E., Chalamanda, M., Kayira, W., Kazoole, K., Kelly, K. K., Wilson, J. H., Houde, A. A., Magill, E. B., Raviola, G. J., & Smith, S. L. (2021). Adapting Problem Management Plus for Implementation: Lessons Learned from Public Sector Settings Across Rwanda, Peru, Mexico and Malawi. *Intervention*, 19(1), 58-66.
 10. J. van de Water B, Brooks M, Huang C, Trevisi L, Lecca L, **Contreras C**, Galea J, Calderon R, Yataco R, Murray M, Becerra M. (2020). Access Tuberculosis clinical presentation and treatment outcomes in pregnancy: a prospective cohort study. *MC Infectious Diseases*

(2020) 20:686.

11. Gunasekera KS, Zelner J, Becerra, MC, **Contreras C**, Franke M, Lecca L, Murray M, Warren J, Cohen T. (2020). Children as sentinels of tuberculosis transmission: disease mapping of programmatic data. *BMC Med* 18, 234. <https://doi.org/10.1186/s12916-020-01702-x>.
12. Galea J, Marhefka S, Cyrus E, **Contreras C**, Brown B. (2020) Novel approach to scale integrated depression and HIV care. *Lancet HIV*. 2020 Jul;7(7):e458-e459. doi: 10.1016/S2352-3018(20)30025-4. Epub 2020 Feb 11. PMID: PMC8325020.
13. Kohler-Smith A., Ramos K., **Contreras C.**, Dueñas M., Lecca L., Galea JT. (2019). Strengthening Maternal and Infant Health in an impoverished peri urban community in Lima, Peru: The SAMI Project. *J Health Soc Sci*. 2020;5(1):035-044.
14. Galea JT, Ramos K, Coit J, Friedman L, **Contreras C**, Dueñas M, Hernandez N, Muster C, Lecca L, Gelaye B (2020). The Use of Wearable Technology to Objectively Measure Sleep Quality and Physical Activity Among Pregnant Women in Urban Lima, Peru: A Pilot Feasibility Study. *Matern Child Health J* 24, 823–828 (2020). <https://doi.org/10.1007/s10995-020-02931-5>.
15. Yuen CM, Millones AK, **Contreras C**, Lecca L, Becerra MC, Keshavjee S (2019). Tuberculosis household accompaniment to improve the contact management cascade: A prospective cohort study. *PLoS ONE* 14(5): e0217104. <https://doi.org/10.1371/journal.pone.0217104>.
16. Eappen B, Aguilar M, Ramos K, **Contreras C**, Prom M, Scorza P, Gelaye B, Rondon M, Raviola G, Galea JT. (2018) Preparing to Launch the “Thinking Healthy Programme” Perinatal Depression Intervention in Urban Lima, Peru: Experiences from the Field. *Global Mental Health*. Global Mental Health. 2018, 5, e41. doi: 10.1017/gmh.2018.32. PMID: N/A.

Contreras C, Aguilar M, Eappen B, Guzmán C, Carrasco P, Millones AK, Galea JT. (2018) Community strengthening and mental health system linking after flooding in two informal human settlements in Peru: a model for small-scale disaster response. *Glob Ment Health (Camb)*. Mar 12;5:e11 PMID: N/A
17. **Contreras C**, Millones AK, Santa Cruz J, Aguilar M, Clendenes M, Toranzo M, Llaro K, Lecca L, Becerra MC, Yuen CM. (2017) Addressing tuberculosis patients' medical and socio-economic needs: a comprehensive programmatic approach. *Trop Med Int Health*. Apr;22(4):505-511. PMID: N/A.
18. Lecca L, Galea J, **Contreras CC**, Millones AK, Clendenes M, Yuen CM. (2017) Challenges in tuberculosis/HIV management in a country with a concentrated HIV epidemic. *AIDS*. Jun 1;31(9):1207-1209. PMID: N/A.
19. Odone A, Calderon R, Becerra MC, Zhang Z, **Contreras C**, Yataco R, Galea J, Lecca L, Bonds MH, Mitnick CD, Murray MB. (2016) Acquired and Transmitted Multidrug Resistant Tuberculosis: The Role of Social Determinants. *PLoS One*. 2016 Jan14;11(1):e0146642. PMID: PMC4713093.

20. Chiang SS, Roche S, **Contreras C**, Del Castillo H, Canales P, Jimenez J, Tintaya K, Becerra MC, Lecca L. (2017) Barriers to the treatment of childhood tuberculosis infection and tuberculosis disease: a qualitative study. *Int J Tuberc Lung Dis.* Feb 1;21(2):154-160. doi: 10.5588/ijtld.16.0624. PMID: N/A.
21. Minnery M, **Contreras C**, Pérez R, Solórzano N, Tintaya K, Jimenez J, Soto S, Lecca L. (2013) A cross sectional study of knowledge and attitudes towards tuberculosis amongst front-line tuberculosis personnel in high burden areas of Lima, Peru. *PLoS One.* Sep 19;8(9):e75698. doi: 10.1371/journal.pone.0075698. eCollection 2013. PMID: PMC3777965.
22. Chiang SS, Cruz AT, Del Castillo H, **Contreras C**, Becerra MC, Lecca L. (2015) Evaluation of health-care providers' knowledge of childhood tuberculosis in Lima, Peru. *Paediatr Int Child Health.* Feb;35(1):29-35. PMID: N/A.
23. **Contreras C.**, Aguilar, M., Eappen, B., Guzmán, C., Carrasco, P., Millones, A. K., & Galea, J. T. (2018). Community strengthening and mental health system linking after flooding in two informal human settlements in Peru: a model for small-scale disaster response. *Global Mental Health* 2018 Mar 12;5:e11. doi: 10.1017/gmh.2017.33. eCollection 2018. 12;5:e11. PMID: PMC5885489
24. **Contreras C.**, Millones, A. K., Santa Cruz, J., Aguilar, M., Clendenes, M., Toranzo, M. Yuen, C. M. (2017). Addressing tuberculosis patients' medical and socio-economic needs: a comprehensive programmatic approach. *Tropical Medicine & International Health*, 22(4), 505-511.
25. Kurbatova E, Cegielski P, Lienhardt C, Akksilp R, Bayona J, Becerra M, Caoili J, **Contreras C**, Dalton T, et al; Sputum culture conversion as a prognostic marker for endof-treatment outcome in patients with multidrug-resistant tuberculosis: a secondary analysis of data from two observational cohort studies. 2015 Feb *Lancet Respir Med* (in process)
26. Huang CC, Tchetgen ET, Becerra MC, Cohen T, Galea J, Calderon R, Yataco R, **Contreras C**, Zhang ZB, Lecca L, Murray M. Cigarette smoking among tuberculosis patients increases risk of transmission to child contacts. 2014 Nov;18 *Int J Tuberc Lung Dis*
27. Cegielski JP, Dalton T, Yagui M, Wattanaamornkiet W, Volchenkov GV, Via LE, Van Der Walt M, Tupasi T, Smith SE, Odendaal R, Leimane V, Kvasnovsky C, Kuznetsova T, Kurbatova E, Kummik T, Kuksa L, Kliiman K, Kiryanova EV, Kim H, Kim CK, Kazenny BY, Jou R, Huang WL, Ershova J, Erokhin VV, Diem L, **Contreras C**, Cho SN, Chernousova LN, Chen MP, Caoili JC, Bayona J, Akksilp S. (2014) Global Preserving Effective TB Treatment Study (PETTS) Investigators. Extensive drug resistance acquired during treatment of multidrug-resistant tuberculosis. *Clin Infect Dis.* 2014 Oct 15;59(8):1049-63. doi: 10.1093/cid/ciu572.
28. Chiang SS, Cruz AT, Del Castillo H, **Contreras C**, Becerra MC, Lecca L. Evaluation of health-care providers' knowledge of childhood tuberculosis in Lima, Peru. *Paediatr Int Child Health.* 2015 Feb;35(1):29-35. doi: 10.1179/2046905514Y.0000000143. Epub 2014 Aug 27. PMID: 25161060.
29. Mingote LR, Namutamba D, Apina F, Barnabas N, **Contreras C**, Elnour T, Frick MW, Lee

- C, Seaworth B, Shelly D, Skipper N, Dos Santos Filho ET.(2014) The use of bedaquiline in regimens to treat drug-resistant and drug-susceptible tuberculosis: a perspective from tuberculosis-affected communities. *Lancet*. 2015 Jan 31;385(9966):477-9. doi: 10.1016/S0140-6736(14)60523-7. Epub 2014 Jul 10. PMID: 25018118.
30. Zelner JL, Murray MB, Becerra MC, Galea J, Lecca L, Calderon R, Yataco R, **Contreras C**, Zhang Z, Grenfell BT, Cohen T. Age-specific risks of tuberculosis infection from household and community exposures and opportunities for interventions in a high-burden setting. *Am J Epidemiol*. 2014 Oct 15; 180(8):853-61. doi: 10.1093/aje/kwu192. Epub 2014 Sep 4.
 31. Zelner JL, Murray MB, Becerra MC, Galea J, Lecca L, Calderon R, Yataco R, **Contreras C**, Zhang Z, Grenfell BT, Cohen T. Bacillus Calmette-Guérin and isoniazid preventive therapy protect contacts of patients with tuberculosis. *Am J Respir Crit Care Med*. 2014 Apr 1;189(7):853-9. doi: 10.1164/rccm.201310-1896OC.
 32. Blaya JA, Shin SS, Yagui M, **Contreras C**, Cegielski P, Yale G, Suarez C, Asencios L, Bayona J, Kim J, Fraser HS. Reducing communication delays and improving quality of care with a tuberculosis laboratory information system in resource poor environments: a cluster randomized controlled trial. *PLoS One*. 2014 Apr 10;9(4):e90110. doi: 10.1371/journal.pone.0090110. PMID: 24721980; PMCID: PMC3982951.
 33. Huang CC, Tchetgen ET, Becerra M, Cohen T, Hughes KC, Zhang Z, Calderon R, Yataco R, **Contreras C**, Galea J, Lecca L, Murray M. The effect of HIV-related immunosuppression on the risk of tuberculosis transmission to household contacts. *Clin Infect Dis*. 2014 Mar;58(6):765-74. doi: 10.1093/cid/cit948. Epub 2013 Dec 23. PMID: 24368620; PMCID: PMC3935504.
 34. Minnery M, **Contreras C**, Pérez R, Solórzano N, Tintaya K, et al. A Cross Sectional Study of Knowledge and Attitudes Towards Tuberculosis amongst Front-Line Tuberculosis Personnel in High Burden Areas of Lima, Peru (2013, September). *PLoS ONE* 8(9): e75698. doi:10.1371/journal.pone.0075698.
 35. Magee MJ, Bloss E, Shin S, **Contreras C**, Arbanil Huaman H, Calderon Ticona J, Bayona J, Bonilla C, Yagui M, Jave O, Cegielski JP. (2013) Clinical characteristics, drug resistance, and treatment outcomes among tuberculosis patients with diabetes in Peru. *International Journal of Infectious Diseases* Volumen 17, Issue 6, Pages e404-e412.
 36. Galea JT, **Contreras C**, Lecca L, Shin S, Lobatón R, Zhang Z, Calderón R, Murray M, Becerra MC. (2013). Rapid home-based human immunodeficiency virus testing to reduce costs in a large tuberculosis cohort study. *International Union Against Tuberculosis and Lung Disease Health solutions for the poor*; 3(2): 172–174.
 37. Shin S, Asencios L, Yagui M, Yale G, Suárez C, Bayona J, Bonilla C, Jave O, **Contreras C**, Atwood S, Blaya J, Ershova J, Cegielski JP. (2012). Impact of rapid drug susceptibility testing for tuberculosis: program experience in Lima, Peru. *Int J Tuberc Lung Dis* 16(11):1538–1543.
 38. Lin, H., Shin, S., **Contreras C.**, Asencios, L., Paciorek, CJ., Cohen, T. (2012, May). Use of Spatial Information to Predict Multidrug Resistance in Patients with Tuberculosis, Peru.

Emerging Infectious Diseases. Vol. 18, No. 5, 811-813.

39. Velasquez, G., Yagui, M., Cegielski, P., Asencios, L., Bayona, J., Bonilla, C., Jave, H., Yale, G., Suárez, C., Atwood, S., **Contreras C**, Shin, S. (2011, marzo) Targeted Drug-Resistance Testing Strategy for Multidrug-Resistant Tuberculosis Detection, Lima, Peru, 2005 - 2008. *Emerging Infectious Diseases*, 17(3), 432-440.
40. Blaya, J., Shin, S., **Contreras C.**, Yale, G., Suarez, C., Asencios, L., Kim, J., Rodriguez, J., Cegielski, P., Fraser, H., (2011, January) Full impact of laboratory information system requires direct use by clinical staff: cluster randomized controlled trial. *J Am Med Inform Assoc* 2011;18:11-16. doi:10.1136/jamia.2010.005280.
41. Lin, H., Shin, S., Blaya, J., Cegielski, P., **Contreras C.**, Asencios, L., Bonilla, C., Bayona, J., Paciorek, C., Cohen, T. (2010, November). Assessing spatiotemporal patterns of multidrug-resistant and drug-sensitive tuberculosis in a South American setting. *Emerging Infectious Diseases*. doi:10.1017/S0950268810002797.
42. Asencios, L., Yale, G., Yagui, M., Quispe, N., Taylor, A., Blaya, J., **Contreras C.**, Cegielski, P., Bayona, J., Bonilla, C. y Shin, S. (2008). Programmatic implementation of rapid DST for *Mycobacterium tuberculosis* in Peru. *The International Journal of Tuberculosis and Lung Disease*. 12(7), 743–749.
43. Shin, S., Yagui, Y., Ascencios, L., Yale, G., Suarez, C., Quispe, N., Bonilla, C., Blaya, J., Taylor, A., **Contreras C.** y Cegielski, P. (2008, mayo). Scale-up of Multidrug-Resistant Tuberculosis Laboratory Services, Peru. *Emerging Infectious Diseases*. 14(5), 701-708.

Professional educational materials, reports, or press coverage in print or other media

1. Dughi, P, **Contreras C.** (2006, August) Educational Materials for Mental Health Training: Targeted to first line health workers. Ministry of Health.
2. **Contreras C.** (2003, September). Sustainability Proposal for the Masters in Mental Health Populations. Funding: Mental Health Project and Human Development McGill - Cayetano Heredia Peruvian University.
3. Piazza, M; Bardales, O; Taype, T; **Contreras C.** (2002, December) Content Evaluation of mental health programs in the Public Health department.
4. Piazza, M; Bardales, O; Taype, T; **Contreras C.** (2001, June) Development of the Masters in Mental Health Populations. Public Health Department.
5. **Contreras C.** (2001, January) Adolescent Mothers and Family Environments. *Redess Jóvenes Magazine*. Year 2 - Number 3.
6. **Contreras C.** (2001, November) Mental Health based on Youth. *Redess Jóvenes Magazine*. Year 2 - Number 7.
7. **Contreras C**; Núñez, O. (1999) Characteristics of the family structure among adolescent mothers whose children are undergoing hospitalization. Child's National Institute, Lima.

Selected abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

1. Calderon R, Mitnick CD, Zhang Z, Becerra MC, Medina A, Pantoja C, Lecca L, **Contreras C**, Coleman D, Galea J, Murray MB. Resistance to pyrazinamide among patients enrolled in a cohort study of TB in Lima, Peru. Poster presentation Keystone conference, March 2013.
2. Franke M, **Contreras C**, Perea S, Zavaleta N, Respicio G, Becerra M, Lecca L, Murray M. Desarrollo e Implementación de un Cuestionario de Frecuencia Alimentaria para Evaluar la Asociación entre Nutrición y Tuberculosis en menores de 15 años en Lima, Perú. 1ra Jornada Científica Investigación Peruana para el Control de la Tuberculosis, Lima, 20 Marzo 2013.
3. Cohen T, Lecca L, Becerra M, **Contreras C**, Garcia N, Galea J, Zhang Z, Murray M. Spatial analysis of tuberculosis transmission dynamics in Lima, Peru: a preliminary analysis of an ongoing population-based molecular epidemiological study. Poster presentation at 43rd Union World Conference on Lung Health, Kuala Lumpur, Malaysia, 13 - 17 November 2012.
4. **Contreras C**, Lecca L, Lobatón R, Becerra M, Galea JT, Tintaya K, Jimenez J, Murray M. Occupational health and safety issues among research staff working with and within a TB study in urban Lima, Peru. Poster presentation at 43rd Union World Conference on Lung Health, Kuala Lumpur, Malaysia, 13 - 17 November 2012.
5. Galea J, **Contreras C**, Calderón R, Shin R, Lobatón R, Becerra M, Lecca M, Murray M. Feasibility and acceptability of in-home, rapid, HIV-testing among contacts of TB patients in Lima, Peru. Oral presentation at 43rd Union World Conference on Lung Health, Kuala Lumpur, Malaysia, 13 - 17 November 2012.
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