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| BIOGRAPHICAL SKETCH Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  Follow this format for each person. **DO NOT EXCEED FOUR PAGES**. | | | | | |
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| NAME | | POSITION TITLE | | | |
| Andres G. Lescano, PhD, MHS, MHS | | PROGRAM DIRECTOR (PD) | | | |
| eRA COMMONS USER NAME | |
| AGLESCANO | |
|  | | | | | |
| EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training).* | | | | | |
| INSTITUTION AND LOCATION | | DEGREE | | YEAR(s) | FIELD OF STUDY |
| Universidad Nacional de Ingeniería, Lima – PeruUniversidad Peruana Cayetano Heredia, Lima – Peru  Johns Hopkins School of Hygiene and Public Health, Baltimore, MD  “”  “” | | B.S.  M.S.  M.H.S.  M.H.S.  Ph.D. | | 1985‑1991  1994‑1998  1998-2000  2001-2002  1998-2007 | Systems Engineering  Informatics  Biostatistics  Health Policy  International Health |

**A. Personal Statement**

I have been conducting research in parasitic infections for two decades and during this time I have established myself as a young scientist with extensive experience in the epidemiology of emerging diseases and expertise in biostatistics and data management. For two years I led a multi-pronged operation at Emerge, the Emerging Diseases and Climate Change Research Unit at the School of Public Health and Administration of Universidad Peruana Cayetano Heredia (UPCH/FASPA). Our work involved studies of the epidemiology, immunology, clinical aspects and the molecular biology of emerging and parasitic diseases relevant for the Americas. Treatment efficacy and drug resistance as well as molecular markers that can be associated with these outcomes are important elements in our research agenda. I am an active member of the Scientific Program Committee of the American Society of Tropical Medicine and Hygiene, have been the leading statistician in numerous successful NIH-funded programs, and a former member of the US DoD AFHSC/GEIS Malaria Strategic Steering Committee. I was also the PI of an NIH/FIC training grant and have a proven track record of scientific productivity working with international research groups. For nearly 15 years I lead important, long-term capacity building efforts in epidemiology in Latin America and the Caribbean that have trained thousands of epidemiologists and public health practitioners, such as an Outbreak Investigation and Response Course offered since 2002, a Masters’ and Doctoral Program in Epidemiological Research since 2007 and a Field Epidemiology International Institute since 2008. My hope is to establish myself as a senior public health at the Peru Centers for Disease Control in the Ministry of Health, leading long-term disease prevention and control and capacity building efforts in Peru.

**B. Positions and Honors**

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| --- | --- |
| **2017-2018** | National Center for Epidemiology, Disease Control and Prevention, CDC Peru. Peruvian Ministry of Health. *Director General*. |
| **2016-present** | Epi-Core: Partnership between the Skoll Global Threats Funds, HealthMap, ProMED-mail of the International Society for Infectious Diseases, and TEPHINET. *Member*. |
| **2016-present** | Wake Forest University School of Medicine, Department of Internal Medicine, Section on Infectious Diseases. *Adjunct Assistant Professor* |
| **2016-2017 2018-present** | Universidad Peruana Cayetano Heredia, Lima, Perú. *Coordinator, Doctoral Program in Epidemiological Research* |
| **2015-2017 2018-present** | Universidad Peruana Cayetano Heredia, School of Public Health and Administration, Lima, Perú. *Head, Emerging Diseases and Climate Change Research Unit and Training Consortium*. |
| **2015-2016** | Pan-American Health Organization. Communicable Diseases and Health Assessment Section. *Consultant*. |
| **2014-2016** | Peruvian Ministry of Development and Social Inclusion. *Member, Technical Workgroup*. |
| **2014-present** | National Institutes of Health, Center for Scientific Review (CSR). Member, Early Career Reviewer (ECR) Program. |
| **2014-present** | American Society of Tropical Medicine & Hygiene. *Scientific Program Committee Member, Malaria sub-committee (2015-8). Nomination Committee. International Councilor, American Committee of Molecular, Cellular and Immunoparasitology, ACMCIP (2016-8), Alan J Magill Leadership Excellence Award Committee Member*. |
| **2012-present** | Tulane University, School of Public, Department of Tropical Medicine. *Associate Professor* |
| **2010-present** | Johns Hopkins Bloomberg School of Public Health-Department of International Health. *Adjunct Associate Professor* |
| **2010-2015** | US Department of Defense Armed Forces Health Surveillance Center / Global Emerging Infections Surveillance and Response System (DoD-AFHSC/GEIS). Malaria Strategic Steering Committee*. Member* |
| **2010-present** | Cysticercosis Working Group in Peru*. Member* |
| **2009-present** | University of Texas, Medical Branch, Galveston, TX. *Associate Professor, non-tenure track. Preventive Medicine & Community Health Department* |
| **2009-2011** | Universidad Peruana Cayetano Heredia, Lima, Perú. *Head, Research Promotion Unit, Department of Research, Science and Technology, Vice-Rectory of Research* |
| **2007-2017**  **2018-present** | Universidad Peruana Cayetano Heredia, Lima, Perú. *Coordinator, Masters’ Program in Epidemiological Research* |
| **2007-2012** | Instituto Nacional de Salud, Revista Peruana de Medicina Experimental y Salud Pública, Lima, Peru. *Board member* |
| **2007-present** | Instituto de Investigación Nutricional, Lima – Perú. *Consultant in Biostatistics*. |
| **2006-present** | Cochrane Collaboration, Statistical Methods Group. Member |
| **2003-present** | Universidad Peruana Cayetano Heredia, Lima, Perú. *Consultant in Epidemiology and Biostatistics.* |
| **2002-2015** | US Naval Medical Research Unit No. 6 (NAMRU-6), Lima, Perú. *Head,* *Parasitology Department; Director, Public Health Training; Member, Executive Steering Committee; and Member, Mentoring Leadership Group* |
| **2002-2004** | Graduate School of Business Administration (ESAN), MBA Program, Lima, Perú. *Part Time Professor* |
| **2001-present** | Universidad Peruana Cayetano Heredia, School of Public Health and Management, Lima, Perú. *Associate Professor* |
| **2001** | University of Maryland School of Medicine, Center for Vaccine Development, Baltimore, MD. *Biostatistics Consultant* |
| **2000-2001** | Centers for Disease Control and Prevention, Parasitic Disease Branch. Atlanta, GA. *Biostatistics Consultant* |
| **2000-2001** | Johns Hopkins Bloomberg School of Public Health, Summer Institute in Tropical Medicine and Public Health. Baltimore, MD. *Lecturer in Epidemiology and Biostatistics* |
| **2000-present** | Johns Hopkins Bloomberg School of Public Health, Departments of International Health and Environmental Health Sciences, Baltimore, MD. *Biostatistics Consultant* |
| **1999-2000** | Johns Hopkins Bloomberg School of Public Health, Department of Epidemiology and Department of Population and Family Sciences, Baltimore, MD. *Teaching Assistant and tutor* |
| **1998-1999** | Johns Hopkins University, Center for Hospital Finance and Management, Baltimore, MD. *Biostatistics Consultant* |
| **1998-1999** | Johns Hopkins University, Vaccine Testing Unit, Baltimore, MD. Data Analyst |
| **1998- 2005** | AB PRISMA, Research Department, Lima – Perú. *Consultant in Biostatistics and Epidemiology* |
| **1998** | Ministry of Health, Basic Health and Nutrition Project, Lima – Perú. *Consultant in Informatics and Monitoring* |
| **1996 -1997** | Universidad Peruana Cayetano Heredia, Institute of Tropical Medicine Alexander Von Humboldt, Lima, Peru. *Biostatistics Consultant* |
| **1995-1998** | Universidad Peruana Cayetano Heredia, Pathology Department, Lima – Perú. *Biostatistics Consultant and Associate Investigator* |
| **1995-1997** | Universidad Nacional Mayor de San Marcos, Veterinary Medicine School, Lima, Perú. *Guest lecturer* |
| **1995** | Ministry of Health, Basic Health and Nutrition Project, Lima, Perú. *Data Management Consultant* |
| **1994-1996** | Universidad Peruana Cayetano Heredia, Public Health Department. Lima – Perú. *Assistant Professor and Coordinator of the Teaching Support Unit* |
| **1991-1998** | PRISMA, Research Department. Lima, Perú. *Head, Information Systems Unit, Biostatistics/Epidemiology Consultant* |

### C. Peer-Reviewed Publications (in chronological order, n=116)

1. Lamn R, Alves C, Perotta G, Murphy M, Messina C, Sanchez JF, Perez E, Rosales L, **Lescano AG**, Smith ES, Valdivia HR, Fuhrer J, Ballard S. Prevalence of and factors associated with negative microscopic diagnosis of cutaneous leishmaniasis in rural Peru. Accepted with minor revision at AJTMH.
2. Ventocilla J, Nunez J, Tapia LL, Lucas CM, Manock S, **Lescano AG**, Edgel KA, Graf PCF. Genetic Variability of *Plasmodium vivax* in the North Coast of Peru and the Ecuadorian Amazon Basin. Accepted at AJTMH.
3. Flores EC, Fuhr DC, Bayer AM, **Lescano AG**, Thorogood N, Simms V. Mental health impact of social capital interventions: a systematic review. Soc Psychiatry Psychiatr Epidemiol. 2017 Dec 12
4. Morales EA, Mayor P, Bowler M, Aysanoa E, Pérez-Velez ES, Pérez J, Ventocilla JA, Baldeviano GC, **Lescano AG**. Prevalence of *Trypanosoma cruzi* and Other *Trypanosomatids* in Frequently-Hunted Wild Mammals from the Peruvian Amazon. Am J Trop Med Hyg. 2017 Nov;97(5):1482-1485
5. Zorrilla V, De Los Santos M, Espada L, Santos R, Fernandez R, Urquia A, Stoops C, Ballard SB, **Lescano AG**, Vasquez G, Valdivia HO. Distribution and identification of sand flies naturally infected with Leishmania from the Southeastern Peruvian Amazon. PLoS Negl Trop Dis. 2017 Nov 6;11(11):e0006029.
6. Aysanoa E, Mayor P, Mendoza AP, Zariquiey CM, Morales EA, Perez JG, Bowler M, Gonzalez C, Ventocilla JA, Baldeviano GC, **Lescano AG**. Prevalence of Trypanosomatids and *Trypanosoma cruzi* in Wild and Captive Non-human Primates from Perú. Ecohealth. 2017 Dec;14(4):732-742.
7. Arroyo G, Rodriguez S, **Lescano AG**, Alroy KA, Bustos JA, Santivañez S, Gonzales I, Saavedra H, Pretell EJ, Gonzalez AE, Gilman RH, Tsang VCW, Garcia HH; Cysticercosis Working Group in Peru. Antibody Banding Patterns of the Enzyme-Linked Immunoelectrotransfer Blot and Brain Imaging Findings in Patients With Neurocysticercosis. Clin Infect Dis. 2018 Jan 6;66(2):282-288.
8. Vilchez PM, Gamboa R, Santivañez S, O’Neal SE, Muro C, **Lescano AG**, Moyano LM, Gonzálvez G, García HH for the Cysticercosis Working Group in Perú (CWGP). Prevalence, age profile and associated risk factors for *Hymenolepis nana* infection in a large population based study in Northern Peru. Am J Trop Med Hyg. 2017 Aug;97(2):583-586.
9. Carrasco-Escobar G, Bangdiwala S, Castro MV, Vinetz JM, Rodriguez H, Villacorta J, Contreras-Mancilla J, Alava F, **Lescano AG**, Speybroeck N, Rosas-Aguirre A, Gamboa D Llanos-Cuentas A. Micro-epidemiology and spatial heterogeneity of *Plasmodium vivax* infections in riverine communities of the Peruvian Amazon: A multilevel analysis. Sci Rep. 2017 Aug 14;7(1):8082.
10. Srinivasan P, Baldeviano GC, Miura K, Diouf A, Ventocilla JA, Leiva KP, Lugo-Roman L, Lucas C, Orr-Gonzalez S, Zhu D, Villasante E, Soisson L, Narum DL, Pierce SK, Long CA, Diggs C, Duffy PE, **Lescano AG** and Miller LH. A malaria vaccine protects *Aotus* monkeys against virulent *Plasmodium falciparum* infection. NPJ Vaccines. 2017;2. pii: 14. doi: 10.1038.
11. Cowell AN, Loy DE, Sundararaman SE, Valdivia HO, Fisch K, **Lescano AG**, Baldeviano GC, Durand S, Gerbasi V, Sutherland CJ, Nolder D, Vinetz JM, Hahn BH, Winzeler EA. Selective whole genome amplification of *Plasmodium vivax* from unprocessed human blood samples and dried blood spots for scalable whole genome sequencing. MBio. 2017 Feb 7;8(1). PMCID: PMC5296604.
12. Sanchez JF, Carnero AM, Rivera E, Rosales LA, Baldeviano GC, Asencios JL, Edgel KA, Vinetz JM and **Lescano AG**. Unstable malaria transmission in the Southern Peruvian Amazon and its association with gold mining, Madre de Dios, 2001-2013. Amer J Trop Med Hyg 2017;96(2):304-311. PMCID: PMC5303028.
13. Carnero AM, Konda KA, Mayta-Tristan P, Mezones-Holguin E, Bayer Am, Bernabe-Ortiz A, Alvarado GF, Canelo-Aybar C, Maguina JL, Segura ER, Quispe AM and **Lescano AG**. Plagiarism, Cheating and Research Integrity: Case Studies from a Masters’ Program in Peru. Sci Eng Ethics. 2017 Aug;23(4):1183-1197. PMCID: PMC5432416
14. Cabada MM, Morales ML, Lopez M, Reynolds S, Vilchez E, **Lescano AG**, Gotuzzo E, Garcia HH and White AC Jr. *Hymenolepis nana* impact among children in the highlands of Cusco-Peru: an emerging neglected parasite infection. Am J Trop Med Hyg. 2016;95(5):1031-1036. PMCID: PMC5094212.
15. Palermo PM, Aguilar PV, Sanchez JF, Zorrilla V, Felices V, Flores-Mendoza C, Guevara C, **Lescano AG**, Halsey ES. Identification of blood meals from potential arbovirus mosquito vectors in the Peruvian Amazon Basin. Am J Trop Med Hyg. 2016;95(5):1026-1030. PMCID: PMC5094211.
16. Rosas-Aguirre A, Gamboa D, Manrique P, Conn JE, Moreno M, **Lescano AG**, Sanchez JF, Rodriguez H, Silva H, Llanos-Cuentas A, Vinetz JM. Epidemiology of *Plasmodium vivax* in Peru. Am J Trop Med Hyg. 2016;95(6 Suppl):133-144. PMCID: PMC5201219.
17. Lopez M, Morales ML, Konana M, Hoyer P, Pineda-Reyes R, AC White, Garcia HH, **Lescano AG**, Gotuzzo E, Cabada MM. Kato Katz versus Lumbreras rapid sedimentation test to evaluate helminth prevalence in the setting of a school based deworming program. Pathog Glob Health. 2016 May;110(3):130-4. PMCID: PMC4984960.
18. Hupalo DN, Lou Z, Melnikov A, Sutton PL, Rogo P, Escalante A, Vallejo AF, Herrera S, Arevalo-Herrera M, Fan Q, Wang Y, Cui L, Lucas CM, Durand S, Sanchez JF, Baldeviano GC, **Lescano AG**, Laman M, Barnadas C, Barryl A, Mueller I, Kazura J, Eapen A, Kanagaraj D, Valecha N, Ferreira MU, Roobsoon W, Nguitragool W, Sattabongkot J, Gamboa D, Kosek M, Vinetz JM, Gonzalez-Ceron L, Birren BW, Neafsey DE, Carlton JM. Population genomics reveals signatures of global dispersal and drug resistance in *Plasmodium vivax*. Nat Genet. 2016 Aug;48(8):953-8. PMCID: PMC5347536.
19. Miranda JJ, Bernabe-Ortiz A, Diez-Canseco F, Malaga G, Cardenas MK, Carrillo-Larco RM, Lazo-Porras M, Moscoso M, Pesantes MA, Ponce V, Araya R, Beran D, Busse P, Boggio O, Checkley WN, Garcia PJ, Huicho L, Leon-Velarde F, **Lescano AG**, Mohr DC, Pan WPK, Peiris D, Perel P, Rabadan-Diehl C, Rivera-Chira M, Sacksteder K, Smeeth L, Trujillo AJ, Wells JCK, Yan LL, Garcia HH and Gilman RH. Towards meaningful Partnerships in Global Health: The case of the CRONICAS Centre of Excellence in Chronic Diseases in Peru. Global Health. 2016 Jun 2;12(1):29. PMCID: PMC4890274.
20. Quispe AM, Llanos-Cuentas A, Rodriguez H, Clendenes M, Yagui M, Cabezas C, Leon LM, Del Carmen JC, Chuquiyauri R, Moreno M, Kaslow DC, Grogl M, Gonzalvez G, Herrera S, Magill AJ, Kosek M, Vinetz JM, **Lescano AG**, Gotuzzo E. Meeting Report. Accelerating to zero: Strategies to eliminate malaria in the Peruvian Amazon. Am J Trop Med Hyg. 2016 Jun 1; 94(6): 1200–1207. PMCID: PMC4889734.
21. Halsey ES, Baldeviano GC, Edgel KA, Vilcarromero S, Sihuincha M and **Lescano AG**. Symptoms and Immune Markers in Plasmodium/Dengue Virus Co-infection Compared with Mono-infection with Either in Peru. PLoS Negl Trop Dis. 2016 Apr 29;10(4):e0004646. PMCID: PMC4851334.
22. Saldarriaga OA, Castellanos A, Porrozzi R, Baldeviano GC, **Lescano AG**, de Los Santos MB, Fernandez OL, Saravia NG, Costa E, Melby PC, Travi BL. An innovative field-applicable molecular test to diagnose cutaneous Leishmania Viannia spp. infections. PLoS Negl Trop Dis. 2016 Apr 26;10(4):e0004638. PMCID: PMC4845993.
23. Loyola S, Gutierrez L, Horna G, Petersen K, Agapito J, Osada J, Rios PA, **Lescano AG** and Tamariz J. Extended-spectrum beta-lactamase-producing Enterobacteriaceae isolated in cell phones of health care workers of five Peruvian Intensive Care Units: Antibiotic resistance patterns and molecular characterization. Am J Infect Control. 2016 Aug 1;44(8):910-6. PMCID: PMC5253370.
24. Garcia HH, **Lescano AG**, Gonzales I, Bustos JA, Pretell EJ, Horton J, Saavedra H, Gonzalez AE, Gilman RH; Cysticercosis Working Group in Peru. Cysticidal Efficacy of Combined Treatment with Praziquantel and Albendazole for Parenchymal Brain Cysticercosis. Clin Infect Dis. 2016 Jun 1;62(11):1375-1379. PMCID: PMC4872290.
25. McFarland AP, Sanchez JF, Mercado A, Ventocilla JA, Cavalcanti S, Gonzalez S, **Lescano AG**. Repeated *Plasmodium vivax* malaria relapses in a Peruvian sailor. Malar J. 2015 Dec 1;14(1):478. PMCID: PMC4665899.
26. Flannery EL, Wang T, Akbari A, Correy V, Gunawan F, Bright AT, Abraham M, Sanchez JF, Santolalla ML, Baldeviano GC, Edgel KA, Rosales LA, **Lescano AG**, Bafna V, Vinetz JM and Winzeler EA. Next generation sequencing of *Plasmodium vivax* patient samples shows evidence of direct evolution in drug resistance genes. ACS Infect Dis. 2015 Aug 14;1(8):367-379. PMCID: PMC4692371.
27. Huicho L, Molina C, Diez-Canseco F, Lema C, Miranda JJ, Huayanay-Espinoza CA, **Lescano AG**. Factors behind job preferences of Peruvian medical, nursing and midwifery students: a qualitative study focused on rural deployment. Hum Resour Health. 2015 Dec 2;13(1):90. PMCID: PMC4667493.
28. Salmon-Mulanovich G, Blazes DL, **Lescano AG**, Bausch D, Montgomery JM, Pan WK. Economic burden of Dengue virus infection at the household level among residents of Puerto Maldonado*, Peru*. Am J Trop Med Hyg. 2015 Oct 7;93(4):684-90. PMCID: PMC4596582.
29. Valdivia HO, Reis-Cunha JL, Rodriguez-Luiz GF, Baptista RP, Baldeviano GC, Gerbasi RV, Dobson DE, Pratlong F, Bastien P, **Lescano AG**, Beverley SM, Bartholomeu DC. Comparative genomic analysis of *Leishmania (Viannia) peruviana* and *Leishmania (Viannia) braziliensis*. BMC Genomics. 2015 Sep 18;16(1):715. PMCID: PMC4575464.
30. Garcia PJ, Egoavil MS, Blas MM, Alvarado-Velasquez E, Curioso WH, Zimic M, Castagnetto JM, **Lescano AG**, Lopez DM, Carcamo CP. *Development and Institutionalization of the First Online Certificate and Master Program of Biomedical Informatics in Global Health in Peru*. Rev Per Med Exp Salud Pub. 2015 Jun;32(2):356-60. PMCID: PMC5244866.
31. Ore M, Saenz E, Cabrera R, Sanchez JF, De Los Santos MB, Lucas CM, Nunez J, Edgel KA, Sopan J, Fernandez J, Baldeviano GC, Arrasco J, Graf PCF and **Lescano AG**. *Outbreak of Cutaneous Leishmaniasis in Peruvian Military Personnel Undertaking Training Activities in the Amazon Basin, 2010*. Am J Trop Med Hyg. 2015 Aug 5;93(2):340-6. PMCID: PMC4530758.
32. Villarreal-Treviño C, Vasquez GM, Lopez-Sifuentes V, Escobedo-Vargas K, Huayanay-Repetto A, Linton Y, Flores-Mendoza C, **Lescano AG**, Stell FM. Free-mating, long-standing and highly productive laboratory colony of *Anopheles darlingi* from the Peruvian Amazon. Mal J May 30;14(1):227. PMCID: PMC4465318.
33. Sanchez JF, Halsey ES, Bayer Am, Beltran M, Razuri HR, Velasquez DE, Cama VA, Graf PCF, Quispe AM, Maves RC, Montgomery JM, Sanders JW and **Lescano AG**. *Acceptability and need for humanitarian medical assistance in remote Peruvian Amazon riverine communities*. Am J Trop Med Hyg. 2015;92(6):1090-9. PMCID: PMC4458809.
34. Baldeviano GC, Akinyi S, Arrospide S, Gonzalez RV, Sanchez JF, Macedo S, Conde S, Tapia L, Salas C, Gamboa D, Herrera Y, Edgel AG, Udhayakumar V and **Lescano AG**. *Molecular epidemiology of Plasmodium falciparum malaria outbreak, Tumbes – Peru, 2010-2012*. Emerg Inf Dis 2015 21(5):797-803. PMCID: PMC4412223.
35. Miranda JJ, Bernabe-Ortiz A, Diez-Canseco F, Malaga G, Cardenas MK, Carrillo MR, Pesantes MA, Araya R, Boggio O, Checkley WN, Garcia PJ, Leon-Velarde F, **Lescano AG**, Montori V, Pan WP, Rivera-Chira M, Sacksteder K, Smeeth L, Garcia HH, Gilman RH. Building a platform for translational research in chronic non-communicable diseases to address population health in Peru. Global Heart. 2015 10(1):13-9. PMCID: PMC4356013.
36. Douglas AD, Baldeviano GC, Lucas CM, Lugo-Roman LA, Crosnier C, Bartholdson SJ, Diouf A, Miura K, Lambert LE, Ventocilla JA, Leiva KP, Milne KH, Illingworth JJ, Spencer AJ, Hjerrild KA, Alanine DG, Turner AV, Moorhead JT, Edgel KA, Wu Y, Long CA, Wright GJ, **Lescano AG**, Draper SJ. *A PfRH5-Based Vaccine Is Efficacious against Heterologous Strain Blood-Stage Plasmodium falciparum Infection in Aotus Monkeys*. Cell Host Microbe. 2015 17(1):130-9. PMCID: PMC4297294.
37. Shender LA, De los Santos M, Montgomery JM, Conrad PA, Ghersi B, Razuri H, **Lescano AG**, Mazet JAK. *Rodents are unlikely sources of infection for Leishmania (Viannia) braziliensis along the Transoceanic Highway in the Madre de Dios Peruvian Amazon*. PLoS One. 2014 Jul 25;9(7):e103358. PMCID: PMC4111550.
38. Garcia HH, Gonzales I, **Lescano AG**, Bustos JA, Pretell EJ, Saavedra H, Nash TE, for The Cysticercosis Working Group in Peru. *A randomized trial comparing enhanced versus conventional concomitant corticosteroid dosing during antiparasitic treatment of parenchymal neurocysticercosis results in fewer seizures*. Epilepsia. 2014 Sep;55(9):1452-9. PMCID: PMC4167469.
39. Garcia HH, Gonzales I, **Lescano AG**, Bustos JA, Zimic M, Escalante D, Saavedra H, Gavidia M, Rodriguez L, Najar E, Umeres H, and Pretell EJ for The Cysticercosis Working Group in Peru. *Efficacy of combined antiparasitic therapy with praziquantel and albendazole for neurocysticercosis: a double blind randomized clinical trial*. Lancet Infect Dis. 2014;14(8):687-95. PMCID: PMC3141188.
40. Quispe AM, Pozo E, Guerrero E, Durand S, Baldeviano GC, Edgel KA, Graf PCF, **Lescano AG**. *Plasmodium vivax* hospitalizations in a mono-endemic malaria region: severe vivax malaria? Am J Trop Med Hyg. 2014 Jul;91(1):11-17 PMCID: PMC4080549.
41. Durand S, Cabezas C, **Lescano AG**, Galves M, Gutierrez S, Arrospide N, Alvarez C, Santolalla ML, Bacon DJ, Graf PCF. Efficacy of Three Different Regimens of Primaquine for the Prevention of Relapses of *Plasmodium vivax* Malaria in the Amazon Basin of Peru. Am J Trop Med Hyg. 2014 Jul;91(1):18-26. PMCID: PMC4080559.
42. Oswald WE, Hunter GC, Kramer MR, Leontsini E, Cabrera L, **Lescano AG**, Gilman RH. Provision of at-home, piped water connections and directly-observed handwashing of mothers in a peri-urban community of Lima, Peru. Trop Med Int Health. 2014 Apr;19(4):388-97 PMCID: PMC4098569.
43. Loayza MJ, **Lescano AG**, Suarez-Ognio LA, Ramirez-Prada GM, Blazes DL. Epidemic activity after natural disasters without high mortality in developing settings. Disaster Health 1:2, 1-8 April-December 2013. PMCID: PMC5314928.
44. Maves RC, Dean K, Gadea N, Halsey ES, Graf PCF, **Lescano AG**. *False-positive rapid plasma reagin testing in patients with acute Plasmodium vivax malaria: a case control study*. Travel Med Infect Dis. 2014 May-Jun;12(3):268-73 PMCID: PMC4041835.
45. Konda KA, **Lescano AG**, Celentano DD, Hall E, Montano SM, Kochel TJ, Coates TJ, Caceres CF and the NIMH Collaborative HIV/STD Prevention Trial Group. In Peru, reporting male sex partners imparts significant risk of incident HIV/STI infection: all men engaging in same-sex behavior need prevention services. Sex Transm Dis. 2013 Jul;40(7):569-574. PMCID: PMC3752699.
46. **Lescano AG**, Zunt J. Other cestodes: sparganosis, coenurosis and Taenia crassiceps cysticercosis. Handb Clin Neurol. 2013;114:335-45 PMCID: PMC4080899.
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48. Conn JE, Moreno M, Saavedra M, Bickersmith SA, Knoll E, Fernandez R, Vera H, Burrus RG, **Lescano AG**, Sanchez JF, Rivera E, Vinetz JM. *Molecular Taxonomy of Anopheles (Nyssorhynchus) benarrochi (Diptera: Culicidae) and Malaria Epidemiology in Southern Amazonian Peru*. Am J Trop Med Hyg. 2013 Feb;88(2):319-324. PMCID: PMC3583324.
49. Tsukayama P, Nunez J, De Los Santos MB, Soberon V, Lucas C, Matlashwevski G, Llanos Cuentas A, Ore M, Baldeviano GC, Edgel KA, **Lescano AG**, Graf PCF, Bacon DJ. *A FRET-based Real-time PCR Assay to Identify the Main Causal Agents of New World Tegumentary Leishmaniasis*. PLoS Negl Trop Dis. 2013 Jan;7(1):e1956. doi: 10.1371/journal.pntd.0001956 PMCID: PMC3536805.
50. Huicho L, Miranda JJ, Diez-Canseco F, Lema C, **Lescano AG**, Lagarde M, Blaauw D. Job preferences of nurses and midwives for taking up a rural job in Peru: a discrete choice experiment. PLoS One. 2012;7(12):e50315. doi: 10.1371/journal.pone.0050315. PMCID: PMC3527463.
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* **Lescano AG**, Laos MoH, Mundaca CC, Araujo R, Burkom HS, Laras K, Farid J, Larasati RP, Chretien JP, Blazes DL, Glass JS. *Key features of symptom data relevant for outbreak detection: EWORS Laos 2003-2006*.
* Grijalva C, **Lescano AG**, Munayco CV, Suarez-Ognio L, Pachas P. *Risk factors for pneumonia death in children under five from Puno, Peru*
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* Quispe AM, Segura ER, Galvez-Buccollini JA, Ruiz-Grosso PM, Gonzaga VE, Salmon-Mulanovich G, Razuri HR, Blazes DL, Montgomery JM, **Lescano AG**. *Assessment of postgraduate educational needs in Public Health and Epidemiology.*

### D. Research Support

Ongoing Research Support

LRPS-2016-9127541 Lescano (PI) 12/01/2016-04/30/2017 $32,962

Situation and Public Policy Analysis about Adolescents and Youth in Peru. UNICEF

This project will conduct a comprehensive analysis of the situation of adolescents and youth in Peru as a well as an analysis of public policies directed towards them.

Role: PI, 15%

EF033-235-2015 Lescano (PI) 02/01/2016-01/31/2022 $2,525,000

Doctorate in Sciences in Epidemiological Research. Ciencia Activa, FONDECYT-CONCYTEC

This program will develop a doctoral program at Universidad Peruana Cayetano Heredia and will provide doctoral training and scholarships to 40 Peruvian PhD students studying biotechnology applied to infectious diseases

Role: PI, 15%

2D43 TW007393 Lescano (PI) 10/01/2005-03/31/2020 $2,211,000

Peru Infectious Diseases Epidemiology Research Training Consortium. NIH/FIC

This program aims at building sustainable research capacity in Peru for infectious diseases epidemiology

Role: PI, 20%

1U01NS086968-01A1 Lescano (PI) 08/01/2015-07/31/2020 $375,000

Combined Albendazole Plus Praziquantel in Subarachnoid NCC, DCC Application. NIH/NINDS

This study will compared the efficacy of combined albendazole + praquiquantel therapy for sub-arachnoid neurocysticercosis under a double-blinded randomized clinical trial

Role: PI, Data Coordinating Center Application, 20%

R25 TW009343-04 Cohen (PI) 04/04/2012-06/30/2017 $250,000

University of California Global Health Institute Program for Fellows and Scholars (GloCal). NIH/FIC

This program provides global health opportunities for US and foreign scientists at different pre- and post-doctoral training levels

Role: Leadership Board Member and Sub-Contract PI, 2%

### Previous Research Support (As Principal Investigator or Co-principal investigator)

291-2016 I-316-0-8222 Economy & Finance Ministry, MEF Lescano (PI) 07/25/2016-12/28/2016 $23,600

Evaluation of the Development Stimulus Fund (Fondo de Estímulo para el Desarrollo, FED), MEF/MIDIS

This contract will evaluate the impact of the Development Stimulus Fund program (FED) of the Peruvian Ministry of Inclusion and Social Development (MIDIS) on management, coverage and health impact indicators across the 25 regions of Peru.

Role: PI

SUB-UPCH 2-AID-527-C-13-00002 Lescano (PI) 06/27/2016-12/31/2016 $143,115

Final Evaluation of the Amazon Malaria Initiative (AMI), SSI-CAMRIS/PGRD/USAID

This contract will evaluate the contributions of AMI to the capacities of National Malaria Control Programs in 11 countries in the Americas.

Role: PI

3D43 TW007393-10S1 Lescano (PI) 08/01/2015-03/31/2016 $50,000

HIV coinfection with *Plasmodium vivax* and other parasites in the Peruvian Amazon Basin

This study will estimate the burden posed by P. vivax and other parasites on people living with HIV in the Amazon Basin.

Role: PI

NIH/NIAD 1U19AI089681 (PI: Andres G. Lescano) 07/01/2010 to 06/30/2017 1.8 months

International Centers of Excellence for Malaria Research (ICEMR) $104,767

To conduct cutting-edge collaborative malaria research to develop and support future elimination and control efforts in the Amazon Basin.

NAMRU-6 IRB: NMRCD.2007.0004, Apr-02-2012

Overlap: None

NIH/FIC D43 TW008438 (PI: Patricia Garcia; Country Co- Director: Andres G. Lescano) 09/25/2010 – 06/30/2014 0.6 months

Quipu: The Andean Global Health Informatics Research and Training Center $249,413

This program aims at building sustainable capacity in the Andean region for applications and research on global health informatics

NAMRU-6 IRB NAMRU6.2012.0018 Nov-21-2012 UPCH IRB (SIDISI): 56032, Dec-17-2010

Overlap: None

US DoD-AFHSC/GEIS 97 13 0130 (PI: Andres G. Lescano) 10/01/2012 – 09/30/2013 1.8 months

GEIS Baseline $375,000

This grant aims at financing the administrative costs supporting malaria, gastrointestinal illness, febrile and VBI and capacity building as part of GEIS goals.

No IRB required

Overlap: None

US DoD-AFHSC/GEIS P0053\_13\_N6 (PI: Andres G. Lescano) 10/01/2012 – 09/30/2013 1.2 months

Sustainable Surveillance, Research and Response Capacity Building in the Ecuadorian Navy $85,000

This grant aims at building sustainable capacities in disease surveillance, research and response in the Ecuador Navy, building on a five year partnership with the HOSNAG

No IRB required, this is a training grant

Overlap: None

US DoD-AFHSC/GEIS P0064\_13\_N6 (PI: Kimberly A. Edgel; Co-PI: Andres G. Lescano) 10/01/2012 – 09/30/2013 1.2 months

Molecular Surveillance of Leishmaniasis Treatment Failure and Drug Resistance $120,000

This grant aims at to characterizing leishmaniasis risk factors by examining molecular markers of drug resistance in existing isolates.

NAMRU-6 IRB: NAMRU6.2007.0018

Overlap: None

US DoD-AFHSC/GEIS P0068\_13\_N6 (PI: Kimberly A. Edgel; Co-PI: Andres G. Lescano) 10/01/2012 – 09/30/2013 1.2 months

Latin American Malaria Diagnostics Center and Creation of Validated Slide Sets $107,000

This grant aims at continuing the management of the Malaria Diagnostics Center in Lima, Peru, along with satellite centers in Iquitos, Tumbes and Puerto Maldonado and mobile capacities to offer malaria diagnosis training in other locations.

NAMRU-6 IRB: NAMRU6.2012.0017, Nov-15-2011

Overlap: None

US DoD-AFHSC/GEIS P0067\_13\_N6 (PI: Kimberly A. Edgel; Co-PI: Andres G. Lescano) 10/01/2012 – 09/30/2013 1.2 months

In vivo efficacy of artemisinin combination therapy in Peru to determine parasite clearance rates in uncomplicated P. $435,000

falciparum malaria

This grant aims at determining parasitological clearance rates by microscopy and quantitative PCR for the 72-hour period after the first AS dose in patients with uncomplicated P. falciparum malaria.

NAMRU-6 IRB: NAMRU6.2012.0008, approval pending

Overlap: None

US DoD-AFHSC/GEIS CO533\_12\_L1 (PI) 10/01/2011 to 09/30/2012 0.6 months

Malaria infection in human–baited mosquito collectors in Peru $34,000

This study evaluates the risk of vector-borne illnesses among human landing catchers and other entomology personnel in Peru

NAMRU-6 IRB: NAMRU6.2012.0017, Mar-08-2012

US DoD-AFHSC/GEIS CO697\_12\_L1 (Investigator) 10/01/2011 to 09/30/2012 0.6 months

Latin American Malaria Diagnostics Center $130,000

This project will develop a training center for malaria diagnostics using microscopy following the standard methodology developed by USAMRU-K en Kisumu, Kenya.

NAMRU-6 IRB: NAMRU6.2012.0017, Nov-15-2011

US DoD-AFHSC/GEIS CO720\_12\_L1 (Investigator) 10/01/2011 to 09/30/2012 0.6 months

Artesunate Resistance in Plasmodium falciparum in Latin America $250,000

This clinical trial will evaluate in-vivo the parasite clearance time of Plasmodium falciparum to artesunate monotherapy in Iquitos, Peru, by delaying two days the delivery of mefloquine in mono-infection, non-complicated patients

NAMRU-6 IRB: NAMRU6.2012.0008, approval pending

US DoD-AFHSC/GEIS CO747\_12\_L1 (PI) 10/01/2011 to 09/30/2012 0.6 months

Remote riverine surveillance and pathogen discovery in Peru $95,000

This project will implement surveillance capacities in remote riverine settings normally not accessible

NAMRU-6 IRB: NAMRU6.2012.0005, Nov-14-2011

US DoD-AFHSC/GEIS CO752\_12\_L1 (Investigator) 10/01/2011 to 09/30/2012 0.6 months

Efficacy/Tolerability of a High-dose Primaquine Regimen for Preventing Vivax Relapses in the Peruvian Amazon $194,000

This single arm, open label clinical trial will assess the in-vivo efficacy of an enhanced primaquine dose (50% higher) to prevent malaria relapses due to *Plasmodium vivax* in Loreto, Peru

NAMRU-6 IRB: NAMRU6.2012.0009, approval pending

US DoD-AFHSC/GEIS CO755\_12\_L1 (co-PI) 10/01/2010 to 09/30/2012 0.6 months

Comprehensive Leishmaniasis Surveillance in the Peruvian Army $285,000

This study evaluates the incidence of leishmaniasis and risk factors among Peruvian Army personnel deployed to the Apurimac and Ene River Valleys

NAMRU-6 IRB: NAMRU6.2011.0013, Mar-08-2012. UPCH IRB: 57314, Dec-09-2010

US DoD-AFHSC/GEIS CO597\_12\_L1 (Co-PI) 06/01/2010 to 09/30/2012 0.6 months

Risk factors for severe *Plasmodium vivax* malaria in Peru $400,000

This program aims at assessing potential clinical and epidemiological markers associated to the etiology of severe vivax malaria in Peru, especially addressing the role of co-morbidities and *P. falciparum* co-infection.

NAMRU-6 IRB: NAMRU6.2012.0006, Feb-07-2012 PJT.NMRCD.078, Sep-01-2010

US DoD-AFHSC/GEIS CO745\_12\_L1 (PI) 10/01/2003 to 09/30/2012 0.6 months

Epidemiological Training in the Americas $649,000

This grant aims at developing epidemiological research and response capacity in the Americas, mainly within Ministries of Health

No IRB required, this is a training grant

US DoD-GEIS GLI-0026-06-RC (PI) 10/01/2003 to 09/30/2012 0.6 months

Epidemiological Training in the Americas $729,000

This grant aims at developing epidemiological research and response capacity in the Americas, mainly within Ministries of Health

No IRB required, this is a training grant

NIH/NIAD R01 1P50AI074285-01 (Biostatistician) 10/01/2007 to 31/09/2012 0.6 months

Innovative Approaches to Chagas Disease Diagnosis and Control (Peru TMRC) $667,545

To apply new tools and information in a concerned manner to develop new diagnostic and control methods for Chagas disease which could be applied worldwide.

No IRB required, only consultant services were provided

US DoD – SOUTHCOMM (PI) 08/01/2008 to 31/09/2011 0.6 months

Alto Amazonas Comprehensive Health Assessment $340,000

This program will evaluate the impact of successive humanitarian assistance interventions in Alto Amazonas, Peru

NAMRU-6 IRB: NMRCD.2009.0002, Dec 27, 2011

US DoD-AFHSC/GEIS CO497\_11\_L1 (PI) 10/01/2010 to 09/30/2011 0.6 months

Plasmodium Vivax malaria incidence in infants, children and adults in Northwestern Peru $150,000

This study evaluates the incidence of vivax malaria in different age groups, assessing the role of immunity and asymptomatic infection in middle/low endemic settings.

NAMRU-6 IRB: 2010.0002, Dec-21-2011

NIH/FIC 3D43TW007393-06S1 (Co-Principal Investigator) 10/01/2010 – 03/31/2011 0.0 months

Peru Infectious Diseases Epidemiology Research Training Consortium, Supplement 1 $210,000

This program aims at building sustainable research capacity in Peru for studies on infectious diseases epidemiology

NIH/FIC D43 TW001140-Supplement (Co-Investigator) 09/25/2009 – 06/30/2011 0.6 months

Training in Infectious Diseases in Peru $50,000

This program aims at offering world class training in field epidemiology through a two-week hands-on course in Peru

NINDS/NIH RO1 NS054805-01 (Biostatistician) 04/01/2006 to 03/31/2011 0.6 months

Phase II study on safety and efficacy of neurocysticercosis treatment with praziquantel and albendazole $475,663

Clinical trial comparing combined versus ABZ-alone antiparasitic therapy in parenchymal NCC

UPCH IRB (SIDISI): 50351, Oct-14-2008 (Nash)

US DoD – USAMMDA (PI) 01/01/2009 to 31/03/2011 0.6 months

Diagnostic and oversight support to a cutaneous leishmaniasis trial in Peru $450,000

This project will support a study to assess the pharmakocinetics of a gentamicin+paromomycin versus gentaminicin alone topical cream for the treatment of cutaneous leishmaniasis

* Peru Infectious Diseases Epidemiology Research Training Consortium (PI: David L. Blazes, D43 TW007393), funded by the NIH/FIC (2005-2011), $749,975
* Developing Response Capacities for Pandemic Influenza in the Andean Region (PI: Joel M. Montgomery). Funded by the US Agency for International Development, USAID (2007-9), $986,000
* *Avian Flu Outbreak Response: Building Capacity in the Americas* (PI: Andres G. Lescano). Funded by the US Department of Defense Southern Command, SOUTHCOMM, (2007-8). $61,930
* *Assessment of Potential for Avian Influenza Transmission in Wetlands* (PI: Andres G. Lescano). Funded by the US Department of Defense Global Emerging Infections Surveillance and Response System, DoD-GEIS (2007-8). $96,500
* *Initial Outbreak Response Training in Peru’s Coca-Growing Areas* (PI: Andres G. Lescano). Funded by the Peru Mission of the Agency for International Development (2005). $18,000
* *Model for the Analysis of Malnutrition Prevention Policy* (PI: Andres G. Lescano)*.* Funded by the National Institute of Statistics and Informatics, Macro International and the United States Agency for International Development (2001). $ 15,000
* *Building Capacities for Applied Biostatistical and Epidemiological Methods in HIV/AIDS Prevention and Control in Peru.* Funded by the United States Agency for International Development (2001). $ 100,000
* *Evaluation of the School Breakfast Program in Southern Lima* (PI: Luis Segura)*.* Funded by the Ministry of Education, 1996. $ 14,000
* *Evaluation of Knowledge, Attitudes and Practices in Maternal and Child Health and Nutrition* (PI: Alvaro Gaillour).Funded by the Peruvian Ministry of Health, 1994. $ 180,000
* *Diarrheal Disease under Economic Stress* (PI: Fernando Diaz)*.* Funded by the Applied Diarrheal Disease Research and sponsored by The Harvard Institute for International Development, 1991. $ 40,000

### Peer Review

* *Member of the Editorial Board*, Acta Tropica
* *Academic Editor*, Public Library of Science (PLoS) One
* *Member of the Consulting Board*. Revista Peruana de Medicina Experimental y Salud Pública
* *Reviewer*, Public Library of Science (PLoS) Neglected Tropical Diseases, PLoS One, International Society for Disease Surveillance, American Journal of Tropical Medicine and Hygiene, BioMed Central (BMC) Medical Education, Virulence, Journal of Helminthology, Journal of Infection and Public Health, Bulleting of the World Health Organization, Journal of Vector Ecology, European Journal of Dermatology, European Journal of Epilepsy, Pathogens and Global Health, PLoS Outbreaks, Malaria Journal, Revista Peruana de Parasitologia, Parasitology International, Disasters Journal, Parasites & Vectors, BMC Medicine. Military Medicine
* *Reviewer, Scientific Review Board*. US Naval Medical Research Unit No. 6 (NAMRU-6), Peru
* *Statistical Reviewer*, Institutional Animal Care and Use Committee. NAMRU-6, Peru
* *Grant Reviewer.* US Department of Defense Armed Forces Health Surveillance Center / Global Emerging Infections Surveillance and Response System (DoD-AFHSC/GEIS). Malaria pillar. Universidad Peruana Cayetano Heredia - NIH/NIDA Grants. Early Career Reviewer (ECR) program at the Center for Scientific Review (CSR), National Institutes of Health.
* *Symposia and abstracts.* Malaria sub-committee, Scientific Program Committee, American Society of Tropical Medicine & Hygiene.