

Publications overview: 100 publications and 59 recent abstracts

A. Principle publications; (see <http://tinyurl.com/pubmed-publications-evans-ca>)
TB publications: <http://tinyurl.com/TB-pubs>

B. 37 other publications (e.g. book chapters, theses, group-authorship)

C. 93 published abstracts from 2007-12

D. 11 video and audio publications

F. Older abstract publications

A. Principal publications (highlighted are newer than IFHAD webpage)

- 1a. D Boccia, J Hargreaves, K Lonnroth, E Jaramillo, J Weiss, M Uplekar, JDH Porter, CA Evans. Cash transfer & microfinance interventions for TB control: review the impact evidence and implementation challenges
In Press WHO Social Determinants of Health Discussion Papers Series, World Health Organisation report.
- 2a. K Toit, S Mitchell, Y Balabanova, CA Evans, T Kummik, V Nikolayevskyy, F Drobniowski The Colour Test for drug susceptibility testing of TB strains by culture on thin-layer agar
International Journal of TB & Lung Disease 16(8):1113–1118
Open access in progress www.ncbi.nlm.nih.gov/pubmed/22762424
1. P Nahid, PS Kim, CA Evans, D Alland, M Barer, J Diefenbach, J Ellner, R Hafner, CD Hamilton, M Iademarco, G Ireton, M Kimerling, C Lienhardt, W MacKenzie, M Murray, MD Perkins, J Posey, T Roberts, C Sizemore, WS Stevens, L Via, WW Yew, S Swindells Clinical Research & Development of TB Diagnostics in Adult and Pediatric Populations
Journal of Infectious Diseases 2012 May;205 Suppl 2:S159-68. Epub 2012 Apr 3.
Open access in progress <http://www.ncbi.nlm.nih.gov/pubmed/22476718>
2. G Sandhu, F Battaglia, BK Ely, D Athanasakis, R Montoya, T Valencia, RH Gilman, CA Evans, JS Friedland, D Fernandez-Reyes, DD Agranoff. Discriminating active from latent tuberculosis in patients presenting to community clinics
PLoS One 7(5): e38080. doi:10.1371/journal.pone.0038080 *Open access:*
<http://www.plosone.org/article/fetchObjectAttachment.action;jsessionid=22C80F7E9C4E8352DA173BE13D976CEB?uri=info%3Adoi%2F10.1371%2Fjournal.pone.0038080&representation=PDF>
3. CA Evans Editorial: GeneXpert - a game-changer for TB control?
PLoS Medicine 2011: July 8(7); e1001064 [[Journal Open Access](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/21814497>
4. CORRESPONDENCE. D Boccia & C Evans Socioeconomic interventions for TB control
Lancet 2011 October 8th;378(9799):293 [[Journal Open Access](#)] [[Pubmed Open Access](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/21982090>
5. R Chew, C Calderón, SG Schumacher, RH Gilman, J Sherman, L Caviedes, P Fuentes, J Coronel, T Valencia, B Herrera, M Zimic, L Huaroto, I Sabogal, AR Escombe, CA Evans. Sputum bleach-sedimentation improves the safety and speed of microscopy for TB diagnosis.
BMC Infectious Diseases 2011 Oct 11;11(1):269.
[[Journal Open Access](#)] & [[Pubmed](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/21985457>
6. C Rocha, R Montoya, K Zevallos, A Curatola, W Ynga, J Franco, F Fernandez, N Becerra, M Sabaduche, MA Tovar, E Ramos, A Tapley, NR Allen, DA Onifade, CD Acosta, M Maritz, DF Concha, SG Schumacher, CA Evans. The Innovative socioeconomic interventions against TB (ISIAT) project – an operational assessment.
International Journal of TB & Lung Disease 2011: 15(5); S50-7 [[Journal Open Access](#)] & [[Pubmed](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/21740659>
7. D Boccia, J Hargreaves, K Lonnroth, E Jaramillo, J Weiss, M Uplekar, JDH Porter, CA Evans. Cash transfer & microfinance interventions for TB control: review of evidence & policy implications.
International Journal of TB & Lung Disease 2011: 15(6); S37-59 [[Journal Open Access](#)] & [[Pubmed](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/21740658>
8. J Hargreaves, D Boccia, CA Evans, M Addato, M Petticrew, JDH Porter The social determinants of tuberculosis: from evidence to action.
American Journal of Public Health 2011 Apr;101(4):654-62 [[Pubmed](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/21330583>

9. E Ramos, SG Schumacher, M Siedner, B Herrera, W Quino, J Alvarado, R Montoya, L Grandjean, L Martin, JM Sherman, RH Gilman, CA Evans
Optimizing tuberculosis testing for basic laboratories
American Journal of Tropical Medicine & Hygiene 2010 Oct;83(4):896-901. [PubMed]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/20889887> *
10. J Uddin, AE Gonzalez, RH Gilman, LH Thomas, S Rodriguez, CA Evans, DG Remick, HH Garcia, JS Friedland.
Mechanisms regulating CCL8 secretion in neurocysticercosis and the effect of anti-parasitic therapy.
Journal of Immunology. 2010 Oct 1;185(7):4478-84. Epub 2010 Sep 8. [PubMed Open Access]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/20826750>
11. K Zevallos, KC Vergara, A Vergara, C Vidal, HH Garcia, CA Evans.
Tuberculin skin test reactions are unaffected by the severity of hyper-endemic intestinal helminth infections, co-infections and albendazole therapy.
American Journal of Tropical Medicine & Hygiene 2010;83 319-325 [PubMed]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/20682875>
12. R Oberhelman, G Soto, R Gilman, L Caviedes, M Castillo, L Kolevic, T Del Pino, M Saito, E Salazar, E Negron, A Laguna, D Moore, CA Evans.
New diagnostic approaches for pediatric TB among Peruvian children.
Lancet Infectious Diseases 2010 Sep;10(9):612-20. Epub 2010 Jul 23. online July 26, 2010 [PubMed]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/20656559>
13. D Onifade, A Bayer, R Montoya, M Haro, J Alva, J Franco, R Sosa, B Valiente, C Ford, C Acosta, CA Evans.
A study of obstacles and opportunities for gender equity in TB control.
BMC Public Health 2010 Jun 29;10:381. [Journal Open Access] [PubMed Open Access]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/20587044>
14. J Cordova, R Shiloh, R Gilman, P Sheen, L Martin, F Arenas, L Caviedes, V Kawai, G Soto, DL Williams, M Zimic, AR Escombe, CA Evans
Evaluation of molecular tools for detection & drug susceptibility testing of MTB in stool specimens of patients with pulmonary TB.
Journal of Clinical Microbiology 2010 May 48(5): 1820-1826. [PubMed Open Access]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/20200293>
15. C Ford, A Bayer, R Gilman, D Onifade, L Cabrera, A Escombe, C Vidal, C Evans.
Factors associated with delayed TB health-seeking behaviour in the Peruvian Amazon: patient experiences and community perspectives.
American Journal of Tropical Medicine & Hygiene 2009 Dec;81(6):1097-102. [pdf] [Journal Open Access] [PubMed Open Access]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/19996443>
16. P. Sheen, M Méndez, R Gilman, J Calla, L Caviedes, M Zimic, Y Zhang, D Moore, CA Evans.
A rapid sputum SSCP test for guiding pyrazinamide use in tuberculosis therapy.
Journal of Clinical Microbiology 2009 Jun 17. [Epub] & Sept 2009 47(9); 2937-2943 [pdf] [PubMed Open Access]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/19535526>
17. A Escombe, D Moore, R Gilman, M Navincopa, E Ticona, B Mitchell, C Noakes, C Martínez, P Sheen, R Ramirez, W Quino, A Gonzalez, J Friedland, C Evans.
Upper-room ultraviolet light and negative air ionization for the prevention of airborne TB transmission.
PLoS Medicine. 2009 6(3): e1000043 [pdf] [Journal Open Access] [PubMed Open Access]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/19296717>
18. H Wolf, M Mendez, R Gilman, P Sheen, G Soto, A Velarde, M Zimic, A Escombe, S Montenegro, R Oberhelman, CA Evans.
The diagnosis of pediatric pulmonary TB in stool.
American Journal of Tropical Medicine & Hygiene 2008 Dec;79(6):893-898 [pdf] [PubMed Open Access]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/19052299>

19. C Ramal Asayag, C Garay, G Sanchez, C Angeles, C Vaca, CA Evans, P Yori, M Kosek
Eight year old with fever, hepatomegaly, and positive thick smear
American Journal of Tropical Medicine & Hygiene 2008 Oct;79(4):473. [[pdf](#)] [[Journal Open Access](#)]
[[Pubmed Open Access](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/18840731>
20. A Escombe, D Moore, R Gilman, W Pan, M Navincopa, E Ticona, C Martínez, L Caviedes, P Sheen, A Gonzalez, C Noakes, J Friedland, CA Evans.
The infectiousness of TB patients co-infected with HIV.
PLoS Medicine 2008 Sept; 5(9):e188 [[pdf](#)] [[Pubmed Open Access](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/18798687>
21. L Grandjean, L Martin, R Gilman, T Valencia, B Herrera, W Quino, E Ramos, M Rivero, R Montoya, A Escombe, D Coleman, D Mitchison, CA Evans.
TB & MDRTB testing by direct sputum culture in selective broth without decontamination or centrifugation.
Journal of Clinical Microbiology 2008 Jul;46(7):2339-44. [[pdf](#)] [[Pubmed Open Access](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/18448689>
22. M Tovar, M Siedner, R Gilman, C Santillan, L Caviedes, T Valencia, O Jave, A Escombe, D Moore, CA Evans.
Improved diagnosis of pleural TB using the Microscopic-Observation Drug-Susceptibility Technique.
Clinical Infectious Diseases. 2008 Mar 15;46(6):909-12. Epub 2008 Feb 18th [[pdf](#)] [[Journal Open Access](#)] [[Pubmed Open Access](#)]
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23. V Rao, T Pelly, R Gilman, J Delgado, L Cabrera, R Black, CA Evans.
Zinc cream and reliability of TB skin testing.
Emerging Infectious Diseases 2007 July 13(7):1101-4. Epub
<http://www.cdc.gov/eid/content/13/7/1101.htm> [[pdf](#)] [[Pubmed Open Access](#)]
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24. A Escombe, C Oeser, R Gilman, M Navincopa, C Martinez, E Ticona, J Chacaltana, R Rodríguez, W Pan, D Moore, J Friedland, CA Evans.
The detection of airborne TB transmission from HIV infected patients using an in vivo air sampling model.
Clinical Infectious Diseases. 2007 May 15;44(10):1349-57. Epub 2007 Apr 9. [[pdf](#)] [[Pubmed Open Access](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/17443474>
25. A Escombe, C Oeser, R Gilman, M Navincopa, C Martinez, E Ticona, J Chacaltana, R Rodríguez, W Pan, D Moore, J Friedland, CA Evans.
Natural ventilation for preventing airborne contagion.
PLoS Medicine. 2007 Feb;4(2):e68. [[pdf](#)] [[Journal Open Access](#)] [[Pubmed Open Access](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/16172483>
26. V Kawai, G Soto, R Gilman, C Bautista, L Caviedes, L Huaroto, E Ticona, J Ortiz, M Tovar, V Chavez, R Rodriguez, A Escombe, D Moore, CA Evans.
TB mortality, drug resistance and infectiousness in patients with and without HIV infection, Peru.
American Journal of Tropical Medicine & Hygiene 2006 Dec; 75(6):1027-1033 [[pdf](#)] [[Journal Open Access](#)] [[Pubmed Open Access](#)]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/17172361>
27. D Moore, C Evans, R Gilman, Caviedes L, Coronel J, Vivar A, Sanchez E, Pinedo Y, Saravia J, Salazar C, Oberhelman R, Delgado M, LaChira D, Escombe R, Friedland J.
Microscopic-observation drug-susceptibility assay for the diagnosis of TB.
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Open access <http://www.ncbi.nlm.nih.gov/pubmed/17035648>
28. Nash T, Singh G, White A, Rajshekhar V, Loeb J, Proano J, Takayanagui O, Gonzalez A, Butman J, DeGiorgio C, Del Brutto O, Delgado-Escueta A, Evans CA, Gilman RH, Martinez S, Medina M, Pretell

E, Teale J, Garcia H.

Treatment of Neurocysticercosis - Current Status and Future Research Needs.

Neurology. 2006 Oct 10;67(7):1120-7. [pdf] [PubMed Open Access]

Open access <http://www.ncbi.nlm.nih.gov/pubmed/17030744>

29. D Eza, G Cerrillo, D Moore, C Castro, E Ticona, D Morales, J Cabanillas, F Barrantes, A Alfaro, A Benavides, A Rafael, G Valladares, F Arevalo, CA Evans, RH Gilman.
Post-mortem findings and opportunistic infections in HIV-positive from a public hospital in Peru.
Pathol Res Pract. 2006 Nov 15;202(11):767-775. Epub 2006 Sep 19. Also re-published in Spanish as: Resultados postmórtem e infecciones oportunistas en pacientes VIH positivos de un hospital público del Perú. *Rev Peru Med Exp Salud Publica*, 2006. 23(4):270-4. [Open Access Publication in Spanish] [pdf] [PubMed Open Access]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/16979302>
30. Fuselli S, Gilman RH, Chanock S, Bonatto S, De Stefano G, Evans CA, Labuda D, Luiselli D, Salzano F, Soto G, Vallejo G, Sajantila A, Pettener D, Tarazona-Santos E.
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Pharmacogenomics J. 2007 Apr;7(2):144-52 [pdf] [PubMed Open Access]
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31. Uddin J, Gonzalez A, Gilman RH, Garcia H, Verastegui M, Moore D, Evans CA, Read R, Friedland J.
Neurocysticercal antigens stimulate chemokine secretion from human monocytes via an NF- κ B-dependent pathway
Microbes Infect. 2006 Jun;8(7):1732-40. Epub 2006 Apr 21. [pdf] [PubMed]
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32. R Oberhelman, G Soto, L Caviedes, M Castillo, P Kissinger, D Moore, CA Evans, RH Gilman.
Improved recovery of TB from Peruvian children using the microscopic-observation drug susceptibility method
Pediatrics. 2006 Jul;118(1):e100-6. Epub 2006 Jun 2. [pdf] [PubMed Open Access]
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33. D Moore, L Caviedes, R Gilman, J Coronel, F Arenas, D LaChira, C Salazar, J Saravia, R Oberhelman, M Hollm-Delgado, A Escombe, CA Evans, JS Friedland.
Infrequent MODS TB culture cross-contamination in a high burden, resource-poor setting.
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34. Chow F, Espiritu N, Gilman R, Gutierrez R, Lopez S, Escombe A, Evans CA, Moore DAJ.
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TB skin testing, anergy and protein malnutrition in Peru.
International Journal of Tuberculosis & Lung Disease. 2005 Sept 9(9):977-984. [pdf] [PubMed Open Access]
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37. DAJ Moore, CA Evans, RH Gilman, D Vargas, AR Escombe.
Appropriate technology in TB diagnostics.
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Diagnosis of sputum-scarce HIV-associated pulmonary TB in Lima, Perú.
Lancet 2005 Jan 8;365(9454):150-2. [pdf] [PubMed Open Access]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/15639297>
39. M Baldwin, P Yori, C Ford, DAJ Moore, RH Gilman, C Vidal, E Ticona, CA Evans.
TB and nutrition: disease perceptions and health seeking behaviour of household contacts in the Peruvian Amazon.
International Journal of Tuberculosis & Lung Disease. 2004 Dec;8(12):1484-91. [PubMed Open Access]
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41. V Rao, S Friedland, E Gotuzzo, R Gilman, CA Evans.
HIV in South America.
Medicine International. 2005 33(6): 44-45. [pdf]
Open access <http://www.ncbi.nlm.nih.gov/pubmed/22003311>
42. Moore DAJ, Mendoza D, Gilman R, Evans CA, Hollm-Delgado M, Guerra J, Caviedes L, Vargas D, Ticona E, Ortiz J, Soto G, Serpa J & the TB Working Group in Perú.
Microscopic-observation drug-susceptibility (MODS) assay, a rapid, reliable diagnostic test for MDRTB suitable for use in resource-poor settings.
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International Journal of TB & Lung Disease. 2004 Jul;8(7):842-7. [pdf] [PubMed Open Access]
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Emerging Infectious Diseases 1997, 3: 4034 [[Journal Open Access](#)] [[Pubmed Open Access](#)]
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62. Cysticercosis Working Group in Peru: HH Garcia, F.Diaz, E.Miranda, J.Naranjo, G.Herrera, C.Carcamo, M.Verastegui, T.Montenegro, M.Alvarez, M.P.Torres, V.Tsang, J.Pilcher, A.Chevera, A.Delgado, J.Lozada, P.Henderson, F.Armaz, T.Rodriguez, CA Evans, L.Vasquez, V.Cama.
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Improved recovery & reduced postoperative stay after therapeutic suggestions during general anaesthesia.
Lancet 1988; ii:491-3. [[Pubmed Open Access](#)]
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B. 37 other publications (articles, chapters etc.)

NOTE: these are mixed/integrated with the principal publications above in the webpage

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Natural ventilation has important role to play in TB infection control.
PLoS Medicine. 2007 May 4(5): 957-958. e195.ePub April 17th [[pdf](#)][[Journal](#)]
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Karlin DM, Evans C, Loisel C, Zevallos K, Fernandez F, Allen N, Montoya R, Boccia D
Depression is common in TB patients and is associated with treatment abandonment

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Presentation at the Global Health Conference in Montreal, November 2011

MM Iberico, K Zevallos, D Boccia, MA Tovar, A. Gavino B Valiente, R Montoya, M. Rivero, A Curatola, C Rocha, CA Evans

Uptake and equity of TB preventive therapy was increased by a socio-economic intervention

Oral presentation published in the conference proceedings, the Global Health Conference, Montreal, November 13-15th, 2011.

Open access <http://www.xcdtech.com/ghc2011/18.003.html>

Presentations at the IUATLD conference in Lille October 2011 www.worldlunghealth.org/confLille/

MM Iberico, M Maritz, K Zevallos, R Montoya, C Rocha, A Curatola, D Boccia, CA Evans

Innovative partnerships for equitable access to TB care in Peru

International Journal of TB & Lung Disease 2011;15(11);S4-5.

Open access http://www.theunion.org/images/stories/journal/AbstractBook2011_Web.pdf page 4

Invited oral presentation in symposium 3 “Partnerships to address TB/HIV in marginalized populations” at the International Union Against TB & Lung Disease annual conference in Lille Oct. 2011. A recording of this presentation with the projected slides has open access at <http://uwclh.conference2web.com/content/868>

MM Iberico, K Zevallos, B Valiente, R Montoya, A Curatola, MA Tovar, R Oberhelman, CA Evans

Poverty impairs isoniazid preventative therapy for children in Peru

International Journal of TB & Lung Disease 2011;15(11);S101-102.

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E Ramos, C Osorio, M Llacza, T Valencia, MA Tovar, R Montoya, SG Schumacher, CA Evans

TB diagnostic culture after sputum decontamination with cetylpyridinium chloride (CPC)

International Journal of TB & Lung Disease 2011;15(11);S174-175.

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Maximizing the Public Health Benefit of Liquid-Culture for TB Diagnosis in Low-Resource Settings

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Poster discussion presentation PC-693-28 in session 17. TB diagnostics.

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Depression is common in TB patients and predicts treatment abandonment

International Journal of TB & Lung Disease 2011;15(11);S70.

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Oral presentation OP-432-28 in session 02. The spectrum of TB management issues at the International Union Against TB & Lung Disease annual conference in Lille Oct. 2011. A recording of this presentation with the projected slides has open access at <http://uwclh.conference2web.com/content/1286>

Grannan BL, Castro EA, Valera E, Zevallos K, Montoya R, Ramos E, Boccia D, Evans CA

High risk of airborne TB transmission in prefabricated homes donated to families with TB & MDRTB

International Journal of TB & Lung Disease 2011:15(11);S243.

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Poster discussion presentation PC-795-29 in session 28. TB treatment adherence/case management II at the International Union Against TB & Lung Disease annual conference in Lille October 2011.

MA Tovar, SG Schumacher, C Osorio, E Ramos, M Llacza, T Valencia, B Herrera, CA Evans

Comparison of TB diagnosis with the MDR/XDRTB Colour Test and MODS

International Journal of TB & Lung Disease 2011:15(11);S274.

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M Maritz, A Bayer, K Zevallos, CD Acosta, R Montoya, M Rivero, CM Ford, CA Evans

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International Journal of TB & Lung Disease 2011:15(11);S304-305.

Open access http://www.theunion.org/images/stories/journal/AbstractBook2011_Web.pdf page 304

Poster discussion presentation PC-778-30 in session 41. Understanding stigma: impacts on TB and HIV programmes at the International Union Against TB & Lung Disease annual conference in Lille October 2011.

IUATLD conference in Berlin Nov 2010

ABSTRACT. Samuel G. Schumacher, Teresa Valencia, Rosario Montoya, Marco Tovar, Arquimedes Gavino, Silvia Carrera, Robert H. Gilman, Carlton A. Evans.

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International Journal of TB & Lung Disease 2010:14(11);S72-73.

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ABSTRACT. Marco A Tovar, Carmen Osorio, Eric Ramos, Manuel Llacza, Beatriz Herrera, Samuel G Schumacher, Robert H Gilman, Carlton A Evans.

A simple colour test for diagnosing MDRTB & XDRTB under field conditions

International Journal of TB & Lung Disease 2010:14(11);S 73.

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ABSTRACT. Tovar MA, Valencia T, Alvarado J, Rojas C, Caviedes L, Schumacher S, Gilman R, Evans C
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International Journal of TB & Lung Disease 2010:14(11);S73-74.

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Poster discussion presentation at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract ref no. 010061.

ABSTRACT. Arquimedes M. Gavino, Rosario Montoya, Jessica Alva, Jessica Franco, Betty Valiente, Maribel Rivero, Colleen Acosta, Carlton A Evans.

The true costs for patients to receive free TB and MDR-TB care

International Journal of TB & Lung Disease 2010:14(11);S78.

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Poster discussion presentation at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract 0101508.

ABSTRACT. R Aldridge, T Valencia, B Herrera, L Pealing, S Eisen, J Friedland, R Gilman, C Evans.

An *in vitro* assay of anti-mycobacterial immunity predicts nutritional risk factors in household contacts of TB patients.

International Journal of TB & Lung Disease 2010:14(11);S122.

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Poster display presentation at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin Germany, November 11-15, 2010. Abstract ref no. 0101438.

ABSTRACT. Chulanee Jongkaewwattana, Samuel G. Schumacher, Karine Zevallos, Rosario Montoya, Matthew R Baldwin, Maribel Rivero, Robert H. Gilman, Carlton A. Evans.

Association between the seasonality of TB incidence, sunlight & Vitamin D concentration

International Journal of TB & Lung Disease 2010;14(11);S201.

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Poster discussion presentation at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract 0101478.

ABSTRACT. C Acosta, D Boccia, R Montoya, D Onifade, C Ford, J Franco, J Alva, C Evans.

TB stigmatization is associated with disease concealment and poor treatment adherence

International Journal of TB & Lung Disease 2010;14(11);S248.

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Poster display presentation at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract ref no. 0101380.

ABSTRACT. S Glover, W Quino, B Herrera, T Valencia, E Ramos, W Riveros, M Llacza, C Evans.

Field TB and MDRTB diagnosis: the effect of delayed sputum testing

International Journal of TB & Lung Disease 2010;14(11);S276-277.

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Poster display presentation at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract 0100573.

ABSTRACT. E Ramos, S Schumacher, M Siedner, B Herrera, W Quino, J Alvarado, R Gilman, C Evans.

The diagnosis of pulmonary TB by concentrating sputum with filtration .

International Journal of TB & Lung Disease 2010;14(11);S277.

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Poster display presentation at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract 0100905.

ABSTRACT: C Rocha, R Montoya, K Zevallos, W Ynga, J Franco, F Fernandez, M Sabaduche, N Becerra, A Tapley, N Allen, D Onifade, M Tovar, T Valencia, C Evans

Impact of socio-economic interventions on access to TB care

Abstract printed in the symposium proceedings. Scholarship presentation "Impact of Socioeconomic Interventions on Access to TB Care" by Rocha C at the UNION-CDC TB late breakers session, Berlin, Germany, November 14, 2010. 44. Session 15.2 Stockholm Monday 15 November 2010 from 9.00 to 11.15.

A recording of this presentation with the projected slides has open access at

<http://uwclh.conference2web.com/content/399>

ABSTRACT: Grannan BL, Boccia D, Castro EA, Valera E, Zevallos K, Montoya R, Evans CA

Housing, ventilation and TB transmission

Invited presentation by Grannan B in symposium: 40. Beyond labs and pills for improved tuberculosis control: what role for TB programmes? Monday, 15 November 2010 from 09:00 to 11:15 (presentation from 09:00 to 09:20). A recording of this presentation with the projected slides has open access at

<http://uwclh.conference2web.com/content/501>

ABSTRACT: C Rocha, R Montoya, K Zevallos, A Curatola, W Ynga, J Franco, F Fernandez, N Becerra, M Sabaduche, MA Tovar, E Ramos, A Tapley, NR Allen, DA Onifade, CD Acosta, M Maritz, DF Concha, SG Schumacher, CA Evans.

Improving TB outcomes through social interventions in Peru

Invited presentation by Evans CA in symposium: 40. Beyond labs and pills for improved tuberculosis control: what role for TB programmes? Monday, 15 November 2010 from 09:00 to 11:15 (presentation from

09:25 to 09:45). A recording of this presentation with the projected slides has open access at <http://uwclh.conference2web.com/content/440>

ABSTRACT. Nicholas R Allen, Frank Oliver, Christopher Loiselle, Claudio Rocha, Rosario Montoya, Karen Zevallos, Antonino Curatola, Carlton A Evans.

Depression and suicidal tendencies in TB patients

International Journal of TB & Lung Disease 2010:14(11);S312-313.

Open access http://www.theunion.org/images/stories/journal/ABSTRACT_BOOK_2010_Web.pdf page 312

Presented at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract ref no. 0100563.

ABSTRACT. Grannan BL, Castro EA, Valera E, Zevallos K, Montoya R, Ramos E, Gilman RH, Evans CA. Household natural ventilation influences the risk of tuberculosis transmission

International Journal of TB & Lung Disease 2010:14(11);S380.

Open access http://www.theunion.org/images/stories/journal/ABSTRACT_BOOK_2010_Web.pdf page 380

Presented at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract ref no. 0101476.

ABSTRACT. Willi Quino, Sarah Glover, Rosario Sosa, Arquimedes M Gavino, Jessica Alvarado, Jessica Alva, Samuel G Schumacher, Carlton A Evans.

Auramine microscopy diagnoses specific groups of TB patients who are not diagnosed by ZN microscopy

International Journal of TB & Lung Disease 2010:14(11);S350-351.

Open access http://www.theunion.org/images/stories/journal/ABSTRACT_BOOK_2010_Web.pdf page 350

Presented at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract ref no. 0101181

ABSTRACT. Julian J Surey, Marco Tovar, Robert H Gilman, Giselle Soto, Jaime Ortiz, Richard Rodriguez, Luz Caviedes, Carlton A Evans.

Intermittent TB treatment adherence is associated with poor long-term outcome.

International Journal of TB & Lung Disease 2010:14(11);S375.

Open access http://www.theunion.org/images/stories/journal/ABSTRACT_BOOK_2010_Web.pdf page 375

Presented at the International Union Against TB & Lung Disease 41st Annual Conference in Berlin, Germany, November 11-15, 2010. Abstract ref no. 0100179.

ABSTRACT. Zevallos K, Boccia D, Montoya R, Alva J, Valencia T, Rivero M, Gilman R, Evans, C Poverty and poor nutrition are the strongest risk factors for TB disease following exposure.

International Journal of TB & Lung Disease 2010:14(11);S383-4.

Open access http://www.theunion.org/images/stories/journal/ABSTRACT_BOOK_2010_Web.pdf page 383

Presented at the IJTLD 41st Annual Conference in Berlin, Germany, Nov 11-15, 2010. Abstract#0101495.

2010 abstracts ASTMH Atlanta

Svenja J. Albrecht, Luz Caviedes, Patricia Sheen, Fanny Arenas, Patricia Fuentes, Teresa Valencia, Vivian Kawai, Giselle Soto, Laura Martin, Diana L. Williams, Robert H. Gilman, Carlton A. Evans

Comparison of different molecular and culture- based stool techniques in pulmonary tuberculosis diagnosis.

American J Tropical Medicine & Hygiene 2010: 83(5); 337.

Open access http://www.ajtmh.org/content/83/5_Suppl/283.full.pdf page 337

Poster presentation at the 59th annual meeting of the American Society of Tropical Medicine & Hygiene in Atlanta, USA November 3-7, 2010. Abstract #1132.

IUATLD conference in Cancun Dec 2009

ABSTRACT. Karine Zevallos, Jessica Alvarado, Willi Quino, Patricia Fuentes, Patricia Sheen, Beatriz Herrera, Teresa Valencia, Eric Ramos, Jessica Alva, Maribel Rivero, Rosario Montoya, Robert H. Gilman, Carlton A. Evans

Household TB clustering associated with TB reactivation and poverty.

Abstract printed in the symposium proceedings. Scholarship from the Centres for Disease Control for Dr Karine Zevallos to present as an oral presentation in the 'late-breaker' session at *the International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, December 3-7, 2009. [[pdf](#)]

ABSTRACT. A Curatola, R Montoya, M Rivero, C Rocha, M Tovar, T Valencia, K Zevallos, CA Evans. Fighting poverty to control tuberculosis: preliminary results of a trial in Peru.

International Journal of TB & Lung Disease 2010: 13(12); S60.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 60. or [[pdf](#)] Invited oral presentation at the International Union Against TB & Lung Disease 40th Annual Conference in Cancun, Mexico, December 3-7, 2009. Presentation # 0010193. Symposium 54: Addressing social determinants & risk factors of TB - expanding the TB control paradigm.

ABSTRACT. Scarlet Shell, Eric Ramos, Beatriz Herrera, Robert H. Gilman, Willi Quino, Jessica Alvarado, Teresa Valencia, Carlton A. Evans.

The colorimetric indicator STC facilitates TB culture diagnosis using the MODS technique.

International Journal of TB & Lung Disease 2010: 13(12); S76.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 76. Poster discussion presentation on Saturday 5th December at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, Dec. 3-7, 2009. Poster # PC-95611-05. [[pdf](#)]

ABSTRACT Patricia Sheen, Jaeson S Calla, Robert H Gilman, Luz Caviedes, Beatriz Herrera, Teresa Valencia, Mirko Zimic, Carlton A Evans.

Rapid pyrazinamide susceptibility testing with the MODS technique directly from sputum.

International Journal of TB & Lung Disease 2010: 13(12); S287-288.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 287. Featured abstract oral presentation on Monday December 7th 2009 at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, December 3-7, 2009. Abstract # FA-95601-07. [[pdf](#)]

ABSTRACT. M Hollm-Delgado, F Arenas, R Gilman, J Cordova, P Sheen, E Ticona, J Ortiz, C Evans. Multi-drug resistant tuberculosis acquisition during DOTS.

International Journal of TB & Lung Disease 2010: 13(12); S287.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 287. Featured oral abstract presentation on Monday December 7th, 2009 at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, December 3-7, 2009. Abstract # FA-95590-07. [[pdf](#)]

ABSTRACT. C Acosta, M Baldwin, R Montoya, D Onifade, CM Ford, AM Bayer, RH Gilman, CA Evans. TB stigmatization is associated with treatment non-adherence in impoverished areas of Peru.

International Journal of TB & Lung Disease 2010: 13(12); S193.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 193. Poster discussion presentation on December 6th 2009 at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, Dec. 3-7, 2009. Abstract # PC -95641-06. [[pdf](#)]

ABSTRACT. Tovar MA, Alva J, Ahn Y, Franco J, Magallanes Y, Carrera S, Gilman RH, Evans CA. Zinc cream augments pediatric tuberculin skin test reactions.

International Journal of TB & Lung Disease 2010: 13(12); S108-109.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 108. Poster display presentation on Saturday December 5th at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, Dec. 3-7, 2009. Abstract # PS-94754-05. [[pdf](#)]

ABSTRACT. Robert W. Aldridge, Beatriz Herrera, Teresa Valencia, Louise Pealing, Sarah Eisen, Jon S. Friedland, Robert H. Gilman, Carlton A. Evans.

BCG vaccination augments human humoral as well as cellular anti-mycobacterial immunity.

International Journal of TB & Lung Disease 2010: 13(12); S372.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 372. Poster display presentation on December 7th 2009 at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, December 3-7, 2009. Abstract # PS-94838-07. [[pdf](#)]

ABSTRACT. Patricia Sheen, Julianna Cordova, Fanny Arenas, Luz Caviedes, Vivian Kawai, Giselle Soto, Diana L Williams, Carlton A Evans.

Evaluation of molecular tools for detection and drug susceptibility testing of Mycobacterium tuberculosis in stool specimens from patients with pulmonary TB.

International Journal of TB & Lung Disease 2010: 13(12); S86.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 86. Poster discussion presentation on Saturday December 5th at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, Dec. 3-7, 2009. Abstract # PC-95540-05. [[pdf](#)]

ABSTRACT. Antonio Bernabe-Ortiz, Cesar P Carcamo, Robert H Gilman, Juan F Sanchez, Giselle Soto, Marco Tovar, Asa Tapley, CA Evans.

Early treatment response predicts MDRTB, treatment failure and mortality.

International Journal of TB & Lung Disease 2010: 13(12); S97.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 97. Poster display presentation on December 5th at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, December 3-7, 2009. Abstract # PS-94968-05. [[pdf](#)]

ABSTRACT. Samuel G Schumacher, Rosario Montoya, Robert H. Gilman, Jessica Alva, Maria Haro, Maribel Rivero, Antonino Curatola, Carlton A. Evans.

A study of the potential for improved TB diagnostic test sensitivity to accelerate patient diagnosis.

International Journal of TB & Lung Disease 2010: 13(12); S344.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 344. Poster display presentation on Monday 7th December 2009 at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, Dec. 3-7, 2009. Abstract # PS-94137-07. [[pdf](#)]

ABSTRACT. Dami A. Onifade, Rosario Montoya, Robert H Gilman, Jessica Alva, Nataly Becerra, Arquimedes Gavino, Maribel Rivero, Carlton A. Evans.

Active case finding overcomes gender barriers to diagnosing tuberculosis.

International Journal of TB & Lung Disease 2010: 13(12); S150.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 150. Poster Display presentation on December 5th at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, December 3-7, 2009. Abstract # PS-94434-05. [[pdf](#)]

ABSTRACT. Marjory A. Bravard, Jonathan M. Sherman, Laura J Martin, Louis Grandjean, Teresa Valencia, Rosario Montoya, Robert H. Gilman, Carlton A. Evans.

Sputum vital stain microscopy to predict sputum culture results and infectiousness.

International Journal of TB & Lung Disease 2010: 13(12); S85.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 85. Poster discussion presentation on 5th December 2009 at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, December 3-7, 2009. Abstract # PC-95490-05. [[pdf](#)]

ABSTRACT Asencios L, Leo E, Quispe N, Ramírez J, Torres E, Vásquez L, Evans CA, Mendoza A.
Extended susceptibilities of 281 XDRTB and 5589 MDRTB strains from patients in Peru.

International Journal of TB & Lung Disease 2010: 13(12); S103.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 103. Poster presentation at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, December 3-7, 2009. [[pdf](#)]

ABSTRACT. P. Selvam, N. Becerra, R.H. Gilman, R Pina, J. Franco, J. Alvarado, B. Herrera, CA. Evans.

Comparison of five novel methods to capture and culture TB cough aerosols in low-resource settings.

International Journal of TB & Lung Disease 2010: 13(12); S366-367.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 366. Poster discussion presentation on 7th December 2009 at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, Dec. 3-7, 2009. Abstract # PS-95589-07 [\[pdf\]](#)

ABSTRACT. Carolyn M Ford, Angela M Bayer, Robert H Gilman, Dami Onifade, Colleen Acosta, Lilia Cabrera, Carlos Vidal, Carlton A Evans.

Factors associated with delayed tuberculosis test-seeking behaviour.

International Journal of TB & Lung Disease 2010: 13(12); S289.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 289. Poster discussion presentation on Monday, 7 December 2009, 12:45-13:45 at the International Union Against TB & Lung Disease 40th Annual Conference in Cancun, Mexico, December 3-7, 2009. Abstract# PC-94315-07 [\[pdf\]](#)

ABSTRACT. Svenja J. Albrecht, R.H.Gilman, Patricia Sheen, Fanny Arenas, Vivian Kawai, Giselle Soto, Diana L Williams, Carlton A Evans.

Comparison of molecular and culture-based stool testing for diagnosis of pulmonary TB.

International Journal of TB & Lung Disease 2010: 13(12); S350-351.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 350. Poster discussion presentation Monday, 7th December 2009, 12:45 to 13:45 in the Laboratory, TB and diagnostic II session at the *International Union Against TB & Lung Disease 40th Annual Conference* in Cancun, Mexico, December 3-7, 2009.. Abstract # PS-95499-07 [\[pdf\]](#)

ABSTRACT. D Boccia, J Hargreaves, K Lonroth, M Uplekar, J Weiss, E Jaramillo, J Porter, CA Evans
Review of socioeconomic interventions for health improvements: reproducibility for TB control?

International Journal of TB & Lung Disease 2010: 13(12); S61.

Open access http://www.worldlunghealth.org/Conf2009/website/assets/files/Abstract_Book_2009_Web.pdf page 61. Oral presentation by D Boccia at the International Union Against TB & Lung Disease 40th Annual Conference in Cancun, Mexico, December 3-7, 2009. Symposium 54: Addressing social determinants & risk factors of TB - expanding the tuberculosis control paradigm. [\[pdf\]](#)

ASTMH conference in Washington DC Nov 2009

ABSTRACT. Jonathan M. Sherman, Marco Tovar, Robert H Gilman, Luz Caviedes, Giselle Soto, Antonio Bernabe, Mirko Zimic, Lilia Cabrera, Jaime Ortiz, Nilda Victoria Trejo Maguiña, Richard Rodriguez, Carlton A. Evans.

Treating isoniazid monoresistant TB with standard first-line regimens results in high rates of treatment failure, TB recurrence, and TB-related death.

American J Tropical Medicine & Hygiene 2009: 81(5); 213.

Oral presentation in Scientific Session: 125. Pneumonia, Respiratory Infections and Tuberculosis Saturday, November 21, 2009, 10:15 am - 12:00 noon at *The 58th annual conference of the American Society of Tropical Medicine & Hygiene* in Washington DC, USA 18-22nd Nov. 2009. [\[pdf\]](#)

ABSTRACT. Samuel G Schumacher, Rosario Montoya, Robert H. Gilman, Jessica Franco, Betty Valiente, Enit Valera, Silvia Carrera, Karine Zevallos, Dami Onifade, Colleen Acosta, Carlton A. Evans.

TB diagnostic delay in high-incidence shantytown communities.

American J Tropical Medicine & Hygiene 2009: 81(5); 73.

Poster presentation (Abstract#1314, Presentation Number: 260) in Session A, Thursday, November 19 Noon – 1:30 pm at the *58th annual conference of the American Society of Tropical Medicine & Hygiene* in Washington DC, USA 18-22nd November 2009. [\[pdf\]](#)

ABSTRACT. Chulanee Jongkaewwattana, Samuel G Schumacher, Karine Zevallos, Mathew Baldwin, Alejandro Necochea, Rosario Montoya, Robert H. Gilman, Carlton A. Evans.

TB and nutritional status in transitional communities.

American J Tropical Medicine & Hygiene 2009: 81(5); 73-74.

Poster presentation (Abstract#1316, Presentation Number: 261) in Session A, Thursday, November 19 Noon – 1:30 pm at the *58th annual conference of the American Society of Tropical Medicine & Hygiene* in Washington DC, USA 18-22nd November 2009. [\[pdf\]](#)

ABSTRACT. Marco A Tovar, Teresa Valencia, Robert H Gilman, Lucy Caviedes, Eric Ramos, Jessica Alvarado, Willi Quino, Beatriz Herrera, Carlton A Evans.
Validation of the Microscopic-Observation Drug-Susceptibility (MODS) technique for drug-susceptibility testing during TB therapy.

American J Tropical Medicine & Hygiene 2009: 81(5); 212.

open access http://www.ajtmh.org/content/81/5_Suppl_1/201.full.pdf page 212

Prize oral presentation with young investigator scholarship (Abstract#1317, Presentation Number: 734) Session 125, Wednesday, November 10.15 – 12.00 am at the *The 58th annual conference of the American Society of Tropical Medicine & Hygiene* in Washington DC, USA 18-22nd November 2009. [\[pdf\]](#)
http://www.ifhad.org/Abstracts/2009/ASTHM_pdfs/Tovar_MA_2009_p212_Microscopic-Observation_MODS_therapy_CAWEx.doc.pdf

ABSTRACT. Colleen Acosta, Alejandro Necochea, Mathew Baldwin, Rosario Montoya, Dami Onifade, CM Ford, RH Gilman, CA Evans.

TB related stigma is associated with poverty, lack of education and female gender in Peruvian shantytowns.

American J Tropical Medicine & Hygiene 2009: 81(5); 172.

Presentation (Abstract#1315, Presentation Number: 605) in Poster Session B, Friday, November 20 Noon – 1:30 pm at the *58th annual conference of the American Society of Tropical Medicine & Hygiene* in Washington DC, USA 18-22nd November 2009. [\[pdf\]](#)

ABSTRACT. Dami A. Onifade, Angela Bayer, Julian Surey, Rosario Montoya, Marie Haro, Jessica Alva, Jessica Franco, Rosario Sosa, Betty Valiente, Enit Valera, Carolyn Ford, Colleen Acosta, Karine Zevallos, Samuel G. Schumacher, Carlton A. Evans

A study of obstacles and opportunities for gender equity in tuberculosis control.

Prize scholarship late-breaker in clinical tropical medicine poster-discussion presentation (Abstract#2975) in Friday, November 20th Noon – 1:30 pm at the *58th annual conference of the American Society of Tropical Medicine & Hygiene* in Washington DC, USA 18-22nd November 2009.

PPENDING FPENDING –ONLY HAVE WORD FILE

ABSTRACT. Hollm-Delgado M. G., F. Arenas, Cordova J, Sheen P, Evans CA, Ticona E, Gilman R.
Analysis of strain transmission during epidemic of multi-drug resistant TB among aids patients receiving directly observed therapy short course (DOTS).

American J Tropical Medicine & Hygiene 2009: 81(5); 74.

Oral presentation (Abstract #) at *The 58th annual conference of the American Society of Tropical Medicine & Hygiene* in Washington DC, USA 18-22nd November 2009.

PPENDING FOHDfinal

IUATLD conference in Vancouver February 2009

ABSTRACT. Herrera*, P. Selvam* (*joint first authors), RH. Gilman, J. Alvarado, E. Ramos, T. Valencia, S. Carrera, J. Alva, J. Franco, M. Haro, R. Montoya, CA Evans.

Evaluation of cough plates for TB diagnosis and assessment of infectiousness in resource-poor settings.

Abstract printed in the symposium proceedings page 95. Poster presentation by Prabu Selvam at the *International Union Against Tuberculosis and Lung Disease North American Region 13th Annual Conference* at the Sheraton Vancouver Wall Centre Hotel, Vancouver, BC, Canada, February 26-28, 2009.

[\[pdf\]](#)

PPENDING FOHDfinal

ABSTRACT. RW Aldridge, B Herrera, T Valencia, L Pealing, S Eisen, D Macdonald, I Leybell, A Koyanagi, S Wiles, M Rivero, R Montoya, JS Friedland, RH Gilman, CA Evans.

An in vitro field test of anti-mycobacterial immunity predicts in vivo TB risk factors.

Abstract printed in the symposium proceedings. Poster presentation by Dr Rob Aldridge at the *International Union Against Tuberculosis and Lung Disease North American Region 13th Annual Conference* at the Sheraton Vancouver Wall Centre Hotel, Vancouver, BC, Canada, February 26-28, 2009 [\[pdf\]](#)

ABSTRACT. Curatola AG, Soto G, Gilman RH, Saito M, Bernabe A, Pelly TF, Ahn Y, Zimic M, Ortiz J, Tovar M, Rodriguez R, Evans CA.

The interpretation of large tuberculin skin test reactions.

Abstract printed in the symposium proceedings. Poster presentation by Dr Antonino Curatola at the *International Union Against Tuberculosis and Lung Disease North American Region 13th Annual Conference* at the Sheraton Vancouver Wall Centre Hotel, Vancouver, BC, Canada, February 26-28, 2009. [\[pdf\]](#)

Other abstracts published in 2009

ABSTRACT. R Chew, L Caviedes, P Fuentes, J Coronel, M Zimic, B Herrera, T Valencia, I Sabogal, L Huaroto, C Evans.

Evaluation of the effects of chitin-sedimentation and sonication on mycobacterial concentration in clinical sputum samples for tuberculosis diagnosis.

Abstract printed in the symposium proceedings. Oral presentation at the *European Tropical Medicine and International Health Congress*, Verona, Italy, September 2009. [\[pdf\]](#)

ABSTRACT. P Selvam, B Herrera, N Herrera, R Mimbela, J Alvarado, E Ramos, J Alva, J Franco, R Montoya, RH. Gilman, CA Evans.

TB cough aerosol analysis in a Peruvian shantytown.

Abstract printed in the symposium proceedings. Presented by Prabu Selvam at the Johns Hopkins University Delta Omega public health research completion in March 2009 in Baltimore, USA and awarded a prize as the third best abstract at the meeting. [\[pdf\]](#)

ABSTRACT. P Selvam, B Herrera, N Herrera, R Mimbela, J Alvarado, E Ramos, J Alva, J Franco, R Montoya, RH. Gilman, CA Evans.

TB cough aerosol analysis in a Peruvian shantytown.

Abstract printed in the symposium proceedings. Presented at *The New Investigator in Global Health: Global Health Council's 36th Annual International Conference on Global Health* (New Technologies + Proven Strategies = Healthy Communities). May 26-30, 2009. Omni Shoreham Hotel, Washington, DC, USA. [\[pdf\]](#)

2008 abstracts IUATLD Paris

ABSTRACT B Herrera, E Ramos, R Gilman, L Grandjean, L Martin, J Alvarado, W Quino, G Sandhu, J Alva, R Sosa, S Carrera, D Coleman, D Mitchison, C Evans.

A simple colour test for diagnosing MDRTB & XDRTB under field conditions.

Oral prize scholarship presentation at CDC late-breaker session on TB *The 39th World Conference on Lung Health of the International Union Against TB & Lung Disease* Paris, October 20th 2008 at 8.45 – 8.55 am.

ABSTRACT. P Sheen, R Gilman, CA Evans.

A rapid sputum PCR-SSCP test for guiding pyrazinamide use in tuberculosis therapy

Poster presentation at *The 39th World Conference on Lung Health of the International Union Against TB & Lung Disease* Paris, October 18th 2008. Abstract PC-82405-18 Published in the conference proceedings page S67. [\[pdf\]](#)

ABSTRACT. J Alvarado, W Quino, R Gilman, E Ramos, B Herrera, S Shell, P Montoya, R sosa, G Sandhu, A Curatola, J Alva, C Evans.

TB diagnosis is accelerated by incorporating the colorimetric indicator STC in culture media.

Poster presentation at *The 39th World Conference on Lung Health of the International Union Against TB & Lung Disease* Paris, Oct18th 2008. Abstract PS-81879-18 Published in conference proceedings p. S85. [\[pdf\]](#)

ABSTRACT. E Ramos, M Siedner, R Gilman, B Herrera, W Quino, J Alvarado, N Arcy, G Sandhu, L Grandjean, L Martin, R Montoya, C Evans.

Sensitive and rapid tuberculosis culture diagnosis with disposable filters replacing the laboratory centrifuge.

Poster presentation at *The 39th World Conference on Lung Health of the International Union Against TB & Lung Disease* Paris, October 18th 2008. Abstract PS-82396-18 Published in the proceedings page S87. [\[pdf\]](#)

2008 other abstracts

ABSTRACT. A Curatola, R Montoya, R Lopez, W Ynga, J Franco, J Alva, M Rivero, K Zevallos, B Herrera, E Ramos, M Tovar, J Hargreaves, J Porter, C Evans.

Fighting poverty to control TB.

Invited oral presentation at the *Annual meeting of the World Health Organization STOP-TB working group on TB and poverty*, Paris 14th October, 2008. Abstract published in the conference proceedings and summarized at <http://www.stoptb.org/tbandpoverty/assets/documents/Subgroup%20meeting%202008.pdf>. [pdf]

ABSTRACT. Hollm-Delgado M, Caviedes L, Gilman R, Checkley W, Vivar A, Sanchez E, Pinedo Y, Friedland J, Evans C, Moore D.

Screening HIV patients for tuberculosis using MODS: A blanket or targeted approach?

Poster presentation at *Global Health Council - 35th International Conference on Global Health*, May 27-31, 2008, Washington, D.C. USA. [pdf]

ABSTRACT. Hollm-Delgado M, Quino W, Gilman R, Ramos E, Herrera B, Alvarado J, Montoya R, Evans C.

Ethambutol & Streptomycin testing of MTB using MODS assay.

Presented at the Joint Meeting of the 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) & 46th Annual Meeting of Infectious Disease Society of America. October 25-8, 2008, Washington, DC, USA. [pdf]

ABSTRACT B Herrera, E Ramos, R Gilman, L Grandjean, L Martin, J Alvarado, T Valencia, W Quino, G Sandhu, J Alva, R Sosa, S Carrera, D Coleman, D Mitchison, C Evans.

Simplifying culture-based TB/MDRTB testing for Peripherals labs.

Invited oral presentation at *FIND Scientific Forum on Recent Advances in TB Diagnostics*, Paris 17th October, 2008 agenda at: at 10.35. Abstract published in the conference proceedings and summarized at: http://www.finndiagnostics.org/export/sites/default/resource-centre/presentations/lung_health_conf2008/agenda_scientific_forum_oct08.pdf [pdf1][pdf2]

2007 abstracts ASTMH Philadelphia

ABSTRACT. Scarlet Shell, Eric Ramos, Beatriz Herrera, Robert H. Gilman, Willi Quino, Jessica Alvarado, Teresa Valencia, Gurjinder Sandhu, Maribel Rivero, Silvia Carrera, Rosario Montoya, Jessica Alva, Jessica Franco, Maria Haro, Rosario Sosa, Enit Valera, Betty Valiente, Antonino Curatola, A. Roderick Escombe, David A. J. Moore, Paty Sheen, Carlton A. Evans.

Enhancing tuberculosis culture diagnosis with the colorimetric indicator STC

AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE. 77: XXX-XXX. Nov 2007
Late-breaker abstract presented by Scarlet Shell at the 2007 *American Society of Tropical Medicine & Hygiene annual conference* on November 4-8 in Philadelphia by Scarlet Shell as a poster presentation.

ABSTRACT. Antonino Curatola, Gurjinder Sandhu, Robert H. Gilman, Giselle Soto, Antonio Bemabe, Mayuko Saito, Tom Pelly, Yvonne Ahn, Marco Tovar, Richard Rodriguez, A. Roderick Escombe, Carlton A. Evans.

Tuberculin skin testing has limited diagnostic utility for adult pulmonary tuberculosis in endemic region.

AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE. 77: 194-195. Nov 2007
Presented at the 2007 *American Society of Tropical Medicine & Hygiene annual conference* on November 4-8 in Philadelphia by Dr Antonino Curatola as a poster presentation. Abstract # 07-A-868-ASTMH

2007 abstracts IUATLD Cape town

ABSTRACT. Louis Grandjean, Laura Martin, Carlton A Evans

TB culture diagnosis and drug susceptibility testing without centrifugation or decontamination.

Poster presentation by Dr Louis Grandjean November 10th 2007 at *The 38th World Conference on Lung Health of the International Union Against TB & Lung Disease* Cape Town, South Africa, 8-12 November 2007. Abstract PS-72151-10. Published in the conference proceedings page 83

ABSTRACT. Laura Martin, Louis Grandjean, Carlton A Evans

Rapid Diagnosis of pulmonary tuberculosis in stool samples

Poster presentation by Dr Laura Martin November 10th 2007 at *The 38th World Conference on Lung Health of the International Union Against TB & Lung Disease* Cape Town, South Africa, 8-12 November 2007. Abstract PS-72154-11. Published in the conference proceedings page 214

ABSTRACT. O Boney, C Evan, D Moore, L Caviedes, R Gilman

Diagnosing pulmonary tuberculosis in the Peruvian Amazon: new methods in a resource-poor setting

Poster presentation by Dr Oliver Boney November 10th 2007 at *The 38th World Conference on Lung Health of the International Union Against TB & Lung Disease* Cape Town, South Africa, 8-12 November 2007.

Abstract PS-72154-11. Published in the conference proceedings page 214

ABSTRACT. Marco Tovar, Mark J Siedner, Robert H Gilman, Carlos Saatillan, Luz Caviedes, Teresa Valencia, A Rod Escombe, David AJ Moore, Carlton A Evans.

Improved sensitivity of pleural tuberculosis diagnosis with the MODS assay

Poster presentation by Dr Marco Tovar November 12th 2007 at *The 38th World Conference on Lung Health of the International Union Against TB & Lung Disease* Cape Town, South Africa, 8-12 November 2007.

ABSTRACT . Jessica Alvarado, Willi Quino, Robert H. Gilman, Eric Ramos, Beatriz Herrera, Scarlet Shell, Teresa Valencia, Rosario Montoya, Jessica Alva, Jessica Franco, Maria Haro, Rosario Sosa1, Enit Valera, Betty Valiente, Gurjinder Sandhu, Maribel Rivero, Silvia Carrera1, Antonino Curatola, A. Roderick Escombe, Paty Sheen, Carlton A. Evans

The colorimetric indicator STC accelerates tuberculosis culture diagnosis

Poster presentation at the *Medecins Sans Frontieres (MSF); Campaign for Access to Essential Medicines. Symposium on TB field Diagnostics 'Dying for a test'*. Cape Town, South Africa 7th November 2007.

Abstract published in the conference proceedings and online at

http://www.msfacecess.org/fileadmin/user_upload/diseases/tuberculosis/DX_Abstacts_CT.pdf

ABSTRACT. Onifade D, Bayer A, Evans C.

Gender Barriers to Tuberculosis Diagnosis.

Poster presentation at the *Medecins Sans Frontieres (MSF); Campaign for Access to Essential Medicines. Symposium on TB field Diagnostics 'Dying for a test'*. Cape Town, South Africa 7th November 2007.

Abstract published in the conference proceedings and online at

http://www.msfacecess.org/fileadmin/user_upload/diseases/tuberculosis/DX_Abstacts_CT.pdf

ABSTRACT. Oliver C Boney, Karine Zevallos1, Robert H Gilman, Luz Caviedes, Teresa Valencia, Carlos O Vidal, A. Roderick Escombe, Carlton A Evans.

Evaluation of Microscopic-Observation Drug-Susceptibility (MODS) vs. clinical assessment, sputum microscopy, culture and PCR for diagnosing patients with tuberculosis in a resource-poor setting.

Poster presentation at the *Medecins Sans Frontieres (MSF); Campaign for Access to Essential Medicines. Symposium on TB field Diagnostics 'Dying for a test'*. Cape Town, South Africa 7th November 2007.

Abstract published in the conference proceedings and online at

http://www.msfacecess.org/fileadmin/user_upload/diseases/tuberculosis/DX_Abstacts_CT.pdf

ABSTRACT. R Chew, C Calderón, R Gilman, J Sherman, L Caviedes, P Fuentes, J Coronel, T Valencia, B Herrera, M Zimic, L Huaroto, I Sabogal, A Escombe, C Evans.

Sputum bleach-sedimentation improves the safety and speed of microscopy for TB diagnosis.

Poster presentation at the *Medecins Sans Frontieres (MSF); Campaign for Access to Essential Medicines. Symposium on TB field Diagnostics 'Dying for a test'*. Cape Town, South Africa 7th November 2007.

Abstract published in the conference proceedings and online at

http://www.msfacecess.org/fileadmin/user_upload/diseases/tuberculosis/DX_Abstacts_CT.pdf

ABSTRACT. J M Sherman, R Montoya, R H Gilman, L J Martin, L Grandjean, T Valencia, B Herrera, W Quino, E Ramos, J Alva, M Rivero, A R Escombe, C A Evans

Monitoring anti-tuberculosis therapy with fluorescein diacetate (FDA) microscopy rapidly determines infectiousness and screens for drug resistance

Poster presentation at the *Medecins Sans Frontieres (MSF); Campaign for Access to Essential Medicines. Symposium on TB field Diagnostics 'Dying for a test'*. Cape Town, South Africa 7th November 2007.
Abstract published in the conference proceedings and online at
http://www.msfacecess.org/fileadmin/user_upload/diseases/tuberculosis/DX_Abstacts_CT.pdf

ABSTRACT. A G Curatola, R H Gilman, V Kawir, M Saitor, A Bernabe, T F Pelly, Y Ahnr, M Zimic, J Ortiz, M Tovar, R Rodriguez, C A Evans
Body mass index is more reliable than tuberculin skin testing for diagnosing adult pulmonary tuberculosis in endemic region.

Poster presentation at the *Medecins Sans Frontieres (MSF); Campaign for Access to Essential Medicines. Symposium on TB field Diagnostics 'Dying for a test'*. Cape Town, South Africa 7th November 2007.
Abstract published in the conference proceedings and online
at http://www.msfacecess.org/fileadmin/user_upload/diseases/tuberculosis/DX_Abstacts_CT.pdf

ABSTRACT. K Zevallos, G Sandhu, K Sacksteder, M Kosek, P P Yori, C Banda, B Herrera, T Valenciar, C Vidal, G Meza, K C Vergara, A R Escombe, L Huaroto, I Sabogal, A Escombe, J S Friedland, C Evans.
Testing intestinal helminths augments anti mycobacterial immunity, converting interferon-gamma release assay diagnostic tests for tuberculosis infection from negative to positive.

Poster presentation at the *Medecins Sans Frontieres (MSF); Campaign for Access to Essential Medicines. Symposium on TB field Diagnostics 'Dying for a test'*. Cape Town, South Africa 7th November 2007.
Abstract published in the conference proceedings and online at
http://www.msfacecess.org/fileadmin/user_upload/diseases/tuberculosis/DX_Abstacts_CT.pdf

ABSTRACT. A G Curatola, B Herrera, R H Gilman, W Quino, J Alvarado, E Ramos, Carlton A Evans.
Low-cost incubator designs for tuberculosis culture diagnosis in resource-poor areas.
Poster presentation at the *Medecins Sans Frontieres (MSF); Campaign for Access to Essential Medicines. Symposium on TB field Diagnostics 'Dying for a test'*. Cape Town, South Africa 7th November 2007.
Abstract published in the conference proceedings and online at [\[abstract\]](#)
http://www.msfacecess.org/fileadmin/user_upload/diseases/tuberculosis/DX_Abstacts_CT.pdf

ABSTRACT. B Herrera, R H Gilman, L Grandjean, L Martin, J Alvarado, W Quino, T Valencia, G Sandhu, R Montoya, J Alva, J Franco, M Haro, R Sosa, E Valera, B Valiente, M Rivero, S Carrera, A R Escombe, A Curatola, C A Evans.
Optimisation of TB field testing: In transit sputum decontamination & culture on colorimetric selective media for TB diagnosis & drug-susceptibility testing.
Poster presentation at the *Medecins Sans Frontieres (MSF); Campaign for Access to Essential Medicines. Symposium on TB field Diagnostics 'Dying for a test'*. Cape Town, South Africa 7th November 2007.
Abstract published in the conference proceedings and online at
http://www.msfacecess.org/fileadmin/user_upload/diseases/tuberculosis/DX_Abstacts_CT.pdf

2007 other abstracts

ABSTRACT. Jonathan M. Sherman, Rosario Montoya, Robert H. Gilman, Laura J. Martin, Louis Grandjean, Teresa Valencia, Beatriz Herrera, Willi Quino, Eric Ramos, Jessica Alva, Maribel rivero, Carlton A. Evans.
Rapid monitoring of anti-tuberculosis therapy using fluoresceina diacetate microscopy a simple method to determine infectiousness and screen for drug resistance
Presented at the 2007 Royal Society of Tropical Medicine and Hygiene centennial conference in London UK.
Abstract published in the conference proceedings and online at [\[RSTMH online\]](#)

ABSTRACT Bernabé A, Vargas D, Gilman RH, Carcamo C, Tovar MA, Sanchez J, Ríos J, Soto G, Caviades L, Ortiz J, Rodríguez R, Moore D, Evans CA.
Weight loss predicts tuberculosis treatment failure and MDRTB.
Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: Oral presentation at the Annual Scientific Meeting on 1st Mar 2007 session 3 TB treatment at The Miro room, Melia Hotel, Lima-Perú.

ABSTRACT Curatola A, Bernabé A, Gilman RH, Ahn Yvonne, Soto G, Zimic M, Money O, Saito M, Pelly T, Ortiz J, Tovar MA, Rodríguez R, Moore D, Escombe R, Evans CA.

Tuberculin skin test, nutrition and disease status.

Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: Oral presentation at the Annual Scientific Meeting on 1st Mar 2007 session 3 TB treatment at The Miro room , Melia Hotel, Lima-Perú.

ABSTRACT Tovar MA, Siedner M, Gilman RH, Santillan C, Caviedes L, Valencia T, Saavedra C, Moore D, Escombe R, Evans CA.

Improving the diagnosis of pleural tuberculosis.

Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: Oral presentation at the Annual Scientific Meeting on 1st Mar 2007 session 3 TB treatment at The Miro room , Melia Hotel, Lima-Perú.

ABSTRACT Karine Zevallos, Gurjinder Sandhu, Robert H. Gilman, Katherine Sacksteder, Margaret Kosek, Pablo Yori, Cesar Banda, Beatriz Herrera, Teresa Valencia, Carlos Vidal, Graciela Meza, Katherine C Vergara, A. Roderick Escombe, Jon S Friedland, Carlton A Evans

Human anti-TB immunity is augmented by treating intestinal worms

Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: Oral presentation at the Annual Scientific Meeting on 1st Mar 2007 session 3 TB treatment at The Miro room , Melia Hotel, Lima-Perú.

ABSTRACT Dan Agranoff, Yvonne Ahn, Jessica Alva, Angela Bayer, Antonio Bernabe, Silvia Carrera, Manuel Catacora, Christopher Chew, Antonino Curatola, Rod Escombe, Carlton Evans, Jonathan S. Friedland, Jessica Franco, Bob Gilman, Marie Haro, Beatriz Herrera, Margaret Kosek, Laura Martin, Rosario Montoya, Bill Pan, Willi Quino, Eric Ramos, Maribel Rivero, Gurjinder Sandhu, Paty Sheen, Jonathan Sherman, Mark Siedner, Giselle Soto, Rosario Soza, Eduardo Ticona, Marco Tovar, Teresa Valencia, Enit Valera, Betty Valiente, Carlos Vidal, Pablo Yori, Karine Zevallos, Mirko Zimic.

Innovative strategies for TB control

Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: Oral presentation at the Annual Scientific Meeting on 1st Mar 2007 session 1 TB control at The Miro room , Melia Hotel, Lima-Perú.

ABSTRACT Gurjinder Sandhu, Carlton Evans, Jon Friedland, Robert Gilman, Dan Agranoff

Proteomic signatures in Tuberculosis

Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: Oral presentation at the Annual Scientific Meeting on 1st Mar 2007 session 2 TB diagnosis at The Miro room , Melia Hotel, Lima-Perú.

ABSTRACT Patricia Sheen, Mirko Zimic, Robert H. Gilman, Melissa Mendez, Carlton A Evans

Genetic and molecular correlates of pyrazinamide resistance

Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: Oral presentation at the Annual Scientific Meeting on 1st Mar 2007 session 2 TB diagnosis at The Miro room , Melia Hotel, Lima-Perú.

ABSTRACT Laura Martin, Louis Grandjean, R.H. Gilman, Luz Caviedes, Ron Shiloh, Vivian Kawai, Giselle Soto, Paty Fuentes, Mirko Zimic, A. Roderick Escombe, David A. J. Moore, Carlton A Evans.

Stool testing to diagnose pulmonary TB in adults and children

Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: Oral presentation at the Annual Scientific Meeting on 1st Mar 2007 session 2 TB diagnosis at The Miro room , Melia Hotel, Lima-Perú.

ABSTRACT Louis Grandjean, Laura Martin, Robert H Gilman, Teresa Valencia, Beatrice Herrera, Willy Quino, Eric Ramos, Rosario Montoya, A Roderick Escombe, David AJ Moore, David Coleman, Denny Mitchison, Carlton A Evans.

Rapid sensitive tuberculosis culture and susceptibility testing without the need for decontamination or centrifugation

Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: Oral presentation at the Annual Scientific Meeting on 1st Mar 2007 session 2 TB diagnosis at The Miro room , Melia Hotel, Lima-Perú.

2006 abstracts

ABSTRACT. R Chew, C Calderón, R Gilman, J Sherman, L Caviedes, P Fuentes, J Coronel, T Valencia, B Herrera, M Zimic, L Huaroto, I Sabogal, A Escombe, C Evans.

Bleach-sedimentation of sputum improves the safety and speed of microscopy but does not concentrate mycobacteria for the diagnosis of TB.

Oral presentation at the *159th Meeting of the Society for General Microbiology*, UK, September 2006 by Christopher Chew. Abstract published in conference proceedings and online at

<http://www.sgm.ac.uk/meetings/pdfabstracts/york2006abs.pdf>

ABSTRACT. K Zevallos, K Vergara, R Gilman , M Kosek, P Yori, C Banda, B Herrera, T Valencia, C Vidal, G Meza, J Friedland, G Sandhu, H Garcia, C Evans.

Human immunity against MTB antigens is augmented by treating intestinal helminths.

Oral presentation by Dr Karine Zevallos at the *55th annual conference of the American Society of Tropical Medicine & Hygiene* in Atlanta, Georgia, USA 15th November 2006. Young investigator research travel scholarship awarded to Dr Zevallos for this work. Published abstract#1083 in the

American Journal of Tropical Medicine and Hygiene 2006; 75(5): S312. Also available online at

http://www.ajtmh.org/cgi/reprint/75/5_suppl/301 abstract number 1083.

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ABSTRACT. J Sherman, M Tovar, R Gilman, G Soto, L Caviedes, M Zimic, A Bernabe, A Moran, J Ortiz, R Rodriguez, E Ticona, B Ostos, L Cabrera, J Benavente, A Escombe, J Friedland, C Evans.

Using treatment failure to screen for MDRTB is associated with TB recurrence, death, and transmission.

American Journal of Tropical Medicine and Hygiene 2006; 75(5):S312.

Available online at http://www.ajtmh.org/cgi/reprint/75/5_suppl/301 abstract number 1082.

Oral presentation by Jonathan Sherman at the *55th annual conference of the American Society of Tropical Medicine & Hygiene* in Atlanta, Georgia, USA 15th November 2006. Young investigator research travel scholarship awarded to J Sherman for this work.

ABSTRACT. S Vargas-prada, F Flores, R Acosta, E Castaneda, R Gutierrez, E Sanchez, C Evans, A R Escombe, R H Gilman, D A J Moore.

Occupational-attributable tuberculosis infection in Peruvian medical students: prevalence and risk factors.

Poster presentation by Dr S Vargas-Prada November 2th 2006 at The 37th World Conference on Lung Health of the International Union Against TB & Lung Disease Paris, France, 31 October-4 November 2006.

Abstract # PS-61502-02-IUTLD

ABSTRACT , A R Escombe. M Navincopa, R H Gilman, R Saavedra Ramirez, E Ticona, C Martinez, B Herrera, T Valencia, D A J Moore, J S Friedland, C Evans.

Upper room ultraviolet light and negative air ionization both prevent airborne tuberculosis transmission.

Poster presentation by Dr A R Escombe November 2th 2006 at The 37th World Conference on Lung Health of the International Union Against TB & Lung Disease Paris, France, 31 October-4 November 2006.

Published abstract in conference proceedings and online at [Int J Tuberc Lung Dis 2006: 10 \(11 Suppl 1\): S1 - S306](http://www.ajtmh.org/cgi/reprint/10/11_Suppl_1/S1-S306) abstract number PC-61951-02 on page S63.

ABSTRACT. D Vargas, A Bernabe, R H Gilman, V Kawai, G Sato, D A Moore, L Caviedes, C T Bautista, M Tovar, V Chavez, L Huaroto, E Ticona, C A Evans.

Factors associated with multidrug-resistant tuberculosis in HIV- infected patients, Peru

Poster presentation by D Vargas August 13th-18th 2006 at The 16th International AIDS Conference Toronto, Canada. Abstract MoAb0103

2005 abstracts

ABSTRACT. A R Escombe, C C Oeser, C Martinez, J Chacaltana, R Rodriguez, M Navincopa, E Ticona, D A J Moore, J S Friedland, R H Gilman, C A Evans.

Natural ventilation to reduce nosocomial transmission of tuberculosis and other airborne infection.

Poster presentation by Dr A R Escombe November 20th 2005 at The 36th World Conference on Lung Health of the International Union Against TB & Lung Disease Paris, France, 18-22 November 2005. Published abstract in conference proceedings and online at [Int J Tuberc Lung Dis 2005; 9 \(11 Suppl 1\): S1 – S326](#) abstract number TS-1840-20 page S56.

ABSTRACT. S Eisen, S Pealing, A Necochea, I Leybell, R Pacheco, L Caviedes, T Valencia, R H Gilman, C F Santillan, J S Friedland, D A J Moore, C A Evans.

Human antimycobacterial immunity is augmented by ascent to high altitude.

Poster presentation by Dr S Eisen November 20th 2005 at The 36th World Conference on Lung Health of the International Union Against TB & Lung Disease Paris, France, 18-22 November 2005. Published abstract in conference proceedings and online at [Int J Tuberc Lung Dis 2005; 9 \(11 Suppl 1\): S1 – S326](#) abstract number PS-1839-21 page S163

ABSTRACT. A R Escombe, M Gil Saavedra, M Navincopa, C Martinez, E Ticona, D Ramos, L Caviedes, F Arenas, D A J Moore, J S Friedland, R H Gilman, C A Evans.

Studies of airborne tuberculosis transmission.

Poster presentation by Dr A R Escombe November 20th 2005 at The 36th World Conference on Lung Health of the International Union Against TB & Lung Disease Paris, France, 18-22 November 2005. Published abstract in conference proceedings and online at [Int J Tuberc Lung Dis 2005; 9 \(11 Suppl 1\): S1 – S326](#) abstract number PS-1843-21 page S177.

ABSTRACT. N M Bowman, J Coronel, R H Gilman, A R Escombe, L Caviedes, J Friedland, J C Saraavia, C A Evans, D A J Moore.

Comparative contamination rates in the microscopic observation drug susceptibility assay (MODS), MBBacT and Lowenstein-Jensen cultures

Poster presentation by Dr . N M Bowman November 20th 2005 at The 36th World Conference on Lung Health of the International Union Against TB & Lung Disease Paris, France, 18-22 November 2005. Abstract # PS-2118-22-IUTLD

ABSTRACT Moore DA, Evans CA, Gilman RH, Caviedes L, Coronel J, Escombe A, Friedland JS.

Operational assessment of novel tools for rapid diagnosis of MDR-TB in resource poor settings.

The Wellcome Centre for Clinical Tropical Medicine Imperial Collage London. Annual Scientific Meeting 10 & 11 November 2005. Institute of Infectious Diseases and Molecular medicine Faculty of Health Sciences, University of Cape Town, South Africa.

ABSTRACT Agranoff D, Ahn Y, Alva J, Bayer A, Bernabe A, Carrera S, Catacora M, Chew C, Curatola AG, Escombe AR, Evans CA, Friedland JS, Franco J, Gilman RH, Haro M, Herrera B, Kosek M, Martin L, Montoya R, Pan B, Quino W, Ramos E, Rivero M, Sandhu G, Sheen P, Sherman JM, Siedner MJ, Soto G, Soza R, Ticona E, Tovar M, Valencia T, Valera E, Valiente B, Vidal CO, Yori PP, Zevallos K, Zimic M.

Innovative strategies for TB control

The Wellcome Centre for Clinical Tropical Medicine Imperial College London, Annual Scientific Meeting 10 & 11 November 2005. Institute of Infectious Diseases and Molecular medicine Faculty of Health Sciences, University of Cape Town, South Africa.

ABSTRACT Escombe R, Saavedra MG, Navincopa M, Martinez C, Ticona E, Gonzales A, Ramos E, Caviedes L, Friedland JS, Gilman RH, Evans CA,

The Prevention of airborne tuberculosis transmission

The Wellcome Centre for Clinical Tropical Medicine Imperial Collage London. Annual Scientific Meeting 10 & 11 November 2005. Institute of Infectious Diseases and Molecular medicine Faculty of Health Sciences, University of Cape Town, South Africa.

ABSTRACT. D A J Moore, J Coronel, R H Gilman, L Caviedes, J S Friedland, C A Evans, J C Saravia.

Rapid, Sensitive detection of mycobacterium tuberculosis in sputum : MODS (microscopic observation drug susceptibility assay) out performs Lowenstein-Jensen and MBBacT culture.

Poster presentation November 1st 2004 at The 35th World Conference on Lung Health of the International Union Against TB & Lung Disease Paris, France, 28 Oct-1 Nov 2004. Abstract # PS-456-493-IUTLD

ABSTRACT. J Green, R Gökmen, M Kelly, E Clutterbuck, B Sampson, JS Friedland, CA Evans [□]

A randomised, double-blind, placebo-controlled trial of topical micronutrient supplementation to improve the diagnosis of latent tuberculosis infection in haemodialysis patients.

Poster presentation at The [*Royal Society of Tropical Medicine and Hygiene*](#) Research Symposium in London, UK on 8th December 2004 by Justin Green. Abstract published in the conference proceedings.

ABSTRACT. Carlton A Evans, Rosario Montoya, Carlos Santillan, Luz Caviades, Patricia Fuentes, Giselle Soto, Jessica Franco, Teresa Valencia, Jose Delgado, Mayuko Saito, Lilia Cabrera, Rosa Pacheco, Edwin Garcia, Inna Leybell, Alejandro Necochea, Mathew Baldwin, Tom F. Pelly, V Bhargavi Rao, Oliver Boney, Eunice Santiago, Sarah Eisen, Louise Pealing, Robert E. Black, Siouxsie Wiles, Douglas Young, Barbara E. Golden, Tom Doherty, Carlos Vidal, Eduardo Ticona, Robert H. Gilman, Jon S. Friedland.

Determinants of tuberculosis susceptibility

Libro de resúmenes. Imperial College Wellcome Centre for Clinical Tropical Medicine: 2003 Annual Scientific Meeting.

ABSTRACT. Oliver Boney....., Carlton A Evans.

Title about MODS in the jungle

Poster presentation by Oliver Boney at the Royal Society of Tropical Medicine and Hygiene RESEARCH IN PROGRESS: SHORT PRESENTATIONS AND POSTERS meeting in London on THURSDAY 13 DECEMBER 2001.

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ABSTRACT. V Bhargavi Rao, Tom F. Pelly, Robert H. Gilman, Giselle Soto, Jose Delgado, Mayuko Saito, Lilia Cabrera, Robert E. Black, Jon S. Friedland, Barbara E. Golden, Tom Doherty, Carlton A Evans.

Zinc augments tuberculosis skin test reactions

Poster presentation by Bhargavi Rao at the Royal Society of Tropical Medicine and Hygiene research meeting in London on 13th December 2001.

ABSTRACT. C Evans, M S Harbuz, T Ostefeld, AR Norrish, JM Blackwell.

Nramp1 influences behaviour and the neuroimmune response to stress.

Oral presentation. *Proceedings of Psychoneuroimmunology conference, Utrecht, The Netherlands, 2001.* Also published in *Brain, Behaviour and Immunity*.

PPENDING FPENDING

ABSTRACT. C Evans, A Norrish, S Soo, J Blackwell.

The immunopathogenesis of *Leishmania donovani* infection in *Nramp1* congenic mice.

Oral presentation. *Proceedings of the 9th International Congress on Parasitology, Tokyo, 1998* (invited speaker & chair-person). Also published in *Parasitology International* 1998, 47S: 29 and 260

ABSTRACT. C Evans, H Garcia, R Gilman, J Friedland.

The immunopathogenesis of neurocysticercosis: implications for treatment.

Oral presentation. *Proceedings of the 9th International Congress on Parasitology, Tokyo, 1998.* (invited speaker & chair-person). Also published in *Parasitology International* 1998, 47S: 29 and 260

ABSTRACT. C Evans, H Garcia, A Hartnell, R Gilman, P Jose, M Martinez, D Remick, T, Williams, J Friedland.

The chemokine and pro-inflammatory cytokine response in human neurocysticercosis.

Oral presentation. *Second European Congress on Tropical Medicine and Fourth Residential Meeting of the Royal Society of Tropical Medicine & Hygiene, Liverpool, 1998*. Also published in *Transactions of the Royal Society of Tropical Medicine & Hygiene*

ABSTRACT. Y Tsai, J Aliaga, R Gilman, T Valencia, M Calderon, M Verastegui, C Evans.

Evaluation of electrically superoxidised saline for water disinfection in tropical countries.

Oral presentation. *Second European Congress on Tropical Medicine and Fourth Residential Meeting of the Royal Society of Tropical Medicine & Hygiene, Liverpool, 1998*. Also published in *Transactions of the Royal Society of Tropical Medicine & Hygiene*.

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ABSTRACT. C Evans, H Garcia, R Gilman, M Martinez, D Remick, J Friedland.

Cytokines and the immunopathology of human neurocysticercosis.

Poster presentation. *Proceedings of Federation of Infection Societies conference, Manchester, 1997*. Also published in the *Journal of Infection 1998, 36: A21*

ABSTRACT. C Evans, C Roberts, J Alexander, J Blackwell.

Acute toxoplasmic encephalitis in *Nramp1* congenic mice.

Oral presentation. *Proceedings of Federation of Infection Societies conference, Manchester, 1996*. Also published in the *Journal of Infection 1997, 34: 162*.

ABSTRACT. C Evans, C Roberts, J Alexander, J Blackwell.

Toxoplasma gondii encephalitis in *Nramp1* congenic mice.

Poster presentation. *Proceedings of International Biennial Toxoplasma Conference, 1996*.

ABSTRACT. C Evans, A Gonzalez, R Gilman et al.

Reduced viability of *Taenia solium* cysticerci following antigenic challenge in pigs.

Poster presentation at the *Federation of Infection Societies Conference, Manchester, August 13th 1995*.

*Abstract published in the conference proceedings and also published in the Journal of Infection 1996, 32: 83. **

ABSTRACT. C Evans, A Gonzalez, R Gilman et al.

Immunotherapy for porcine cysticercosis.

Oral presentation. *Proceedings of International Neurology Conference, Limoges, France, 1994*.

Pending abstracts

ABSTRACT. R Chew, C Calderón, R Gilman, J Sherman, L Caviades, P Fuentes, J Coronel, T Valencia, B Herrera, M Zimic, L Huaroto, I Sabogal, A Escombe, C Evans

Clinical and investigative tropical medicine in Peru.

Oral presentation at *Addenbrooke's Hospital, Cambridge, UK, September 2006* by Dr Christopher Chew who was awarded the best medical student elective presentation prize. PPENDING FPENDING

2005 poster at Keystone conference by CE? – Chulanee you have this booklet

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Houston September

2004 Invited speaker, Albert Einstein University, NY NY.

2004 Invited speaker Johns Hopkins Centre for TB research PPENDING FPENDING

ABSTRACT. C Evans, M S Harbuz, T Ostefeld, AR Norrish, JM Blackwell. *Nramp1* and susceptibility to intracellular infection: from mice to the clinic. Oral presentation to the Johns Hopkins School of Public Health, USA (invited speaker) 2000? PPENDING FPENDING

ABSTRACT. C Evans.

Determinants of susceptibility to intracellular infection. Oral presentation. *Proceedings of Infectious Diseases Symposium, Lima, Peru. 2000 (invited speaker)* PPENDING FPENDING

ABSTRACT. C Evans, AR Norrish, JM Blackwell. Nramp1 genotype modulates the immunopathogenesis of murine toxoplasmosis. Oral presentation. *Proceedings of Federation of Infection Societies Conference, Manchester, 2000.* Also published in the *Journal of Infection*. PPENDING FPENDING

ABSTRACT. C Evans and the cysticercosis working group in Peru. The immunopathogenesis of *T. solium* infections: implications for therapy and prevention. Oral presentation. *Proceedings of a cysticercosis consensus meeting, Lima, Peru, 2000 (invited speaker).* PPENDING FPENDING

ABSTRACT. C Evans, C Roberts, J Alexander, M Harbuz, S Lightman, J Blackwell. Age-dependent immune responses to murine toxoplasmosis. Oral presentation. *Presented to the Hospital Infection Society, London, 1997.* PPENDING FPENDING

ABSTRACT. C Evans & the Cysticercosis Working Group in Peru. The immunology of taeniasis/ cysticercosis: implications for prevention and treatment. Oral presentation (invited speaker). *Proceedings of the First International Cysticercosis Conference, Lima, Peru, 1996.* PPENDING FPENDING

ABSTRACT. C Evans, A Gonzalez, R Gilman et al.
Immunotherapy for the control of porcine cysticercosis.
Oral presentation. *Proceedings of the First International Cysticercosis Conference, Lima, Peru (invited speaker), 1996.* PPENDING FPENDING

ABSTRACT. C Evans & P Richardson. Improved recovery & reduced postoperative stay after therapeutic suggestions during general anaesthesia. *Proceedings of British Congress of Obstetrics and Gynaecology, London, July 1989.* PPENDING FPENDING

ABSTRACT. C Evans & P Richardson. A double-blind randomised placebo-controlled study of therapeutic suggestions during general anaesthesia. Oral presentation, *First International Conference on Memory & Awareness during General Anaesthesia, Glasgow, 1988.* Abstract published in the conference proceedings. PPENDING FPENDING

D. 11 Interviews, video & audio publications concerning our work

Work that we led has featured in video, audio and other media publications, including the following links:

1. Ben Grannan talking about his work with IFHAD improving health by improving housing:

<http://uwclh.conference2web.com/content/501>

2. Claudio Rocha talking about his work with IFHAD leading socioeconomic interventions to strengthen TB control: <http://uwclh.conference2web.com/content/399>

3. Daniel Karlin talking about his work with IFHAD investigating and tackling the depression and despair that challenge poor, TB-affected families and hampers their care, cure and hence serve as significant barriers to controlling TB: <http://uwclh.conference2web.com/content/1286>

Carlton Evans talking about his work with IFHAD:

4. Socioeconomic support for TB-affected families: <http://www.audiomedica.com/global-health-issues/microfinance-for-impoverished-communities-reduces-tb-risks/>

5. and how this socioeconomic support for TB-affected families effectively harnesses multi-disciplinary partnerships: <http://uwclh.conference2web.com/content/868>

6. Gender aspects of TB control: <http://www.audiomedica.com/global-health-issues/women-just-as-likely-as-men-to-have-tuberculosis/> or <http://www.lshtm.ac.uk/news/audio/2010/>

7. Innovative Socioeconomic Interventions Against TB: <http://uwclh.conference2web.com/content/440>

8. An overview of IFHAD's work combining novel interventions to improve health and development: www.youtube.com/watch?v=VqOL14IFFfI

9. A presentation about TB diagnostics at an NIH workshop for developing research policy in this area:

<http://tbevidence.org/wp-content/uploads/2011/11/04-C-Evans-Culture-based-Tech-for-TB-Diagnosis.pdf>

10. A presentation concerning generating impact evaluation evidence for socioeconomic interventions against TB: <http://tbsymposium.lshtm.ac.uk/presentations-2/>

11. A transcript of an interview describing our research work in Peru over the past decade:

<http://wellcometrust.wordpress.com/2010/11/03/tackling-tb-in-peru/>

Photos of our work can be seen at:

<http://brendanhoffman.photoshelter.com/gallery/TB-in-Peru/G0000GA8MD6E9Ir4/>

<http://brendanhoffman.photoshelter.com/gallery/Ventanilla/G0000dyu2HfY8hvg/>

Some of our work on TB-associated stigma is included in an interesting article:

<http://download.thelancet.com/pdfs/journals/laninf/PIIS1473309911702286.pdf?id=40bade4753939e7f:-4f7cd33a:13210182393:2f0a1314535094314>