

# Stanford

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## Jason Andrews

Assistant Professor of Medicine (Infectious Diseases) and, by courtesy, of Health Research and Policy (Epidemiology)

Medicine - Infectious Diseases

### CLINICAL OFFICES

- **Infectious Diseases**

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### Bio

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### BIO

Jason Andrews is an Assistant Professor in the Division of Infectious Diseases and Geographic Medicine and a practicing infectious diseases physician.

### CLINICAL FOCUS

- Infectious Disease

### ACADEMIC APPOINTMENTS

- Assistant Professor, Medicine - Infectious Diseases
- Assistant Professor (By courtesy), Health Research & Policy
- Member, Bio-X
- Member, Child Health Research Institute

### HONORS AND AWARDS

- NIH Director's New Innovator Award, NIH (2016)
- George Rosenkranz Prize for Healthcare Research In Developing Countries, Rosenkranz Prize (2015)
- The Union Young Investigator Prize, International Union Against Tuberculosis and Lung Disease (2015)
- Young Physician-Scientist Award, American Society of Clinical Investigation (2014)
- Dean's Community Service Award, Harvard Medical School (2012)
- David Brudnoy Scholar Award, Massachusetts General Hospital (2011)
- David Brudnoy Scholar Award, Massachusetts General Hospital (2010)
- Award for Best International Health Thesis, Yale School of Medicine Award (2007)
- Merck Book Award for Academic Excellence, Yale School of Medicine (2007)

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty Fellow, Stanford Center for Innovation in Global Health (2015 - present)

## PROGRAM AFFILIATIONS

- Center for Latin American Studies

## PROFESSIONAL EDUCATION

- Board Certification, American Board of Internal Medicine , Infectious Diseases (2012)
- Fellowship, Harvard Combined Program in Infectious Diseases (Massachusetts General and Brigham and Women's Hospitals) , Infectious Diseases (2012)
- DTM&H, Gorgas Memorial Institute of Tropical & Preventive Medicine (2012)
- Board Certification, American Board of Internal Medicine , Internal Medicine (2010)
- SM, Harvard School of Public Health (2012)
- Residency, University of California, San Francisco (2009)
- Internship, University of California, San Francisco (2008)
- MD, Yale University (2007)
- BA, Yale University (2002)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our laboratory aims to develop and test innovative approaches to the diagnosis, treatment and control of infectious diseases in resource-limited settings. We draw upon multiple fields including mathematical modeling, microbial genetics, field epidemiology, and statistical inference to work on challenging problems in infectious diseases, with an emphasis on tuberculosis and tropical diseases. Our current field research sites are in Brazil, South Africa, Nepal and India.

### PROJECTS

- Etiologies of acute febrile illness in rural Nepal - Stanford University
- Strategies for tuberculosis control in Brazilian prisons - Stanford University and Federal University of Grande Dourados
- Congregate Air Sampling for Population-Based Detection of Tuberculosis - Stanford University and University of Cape Town
- Evaluating effectiveness of typhoid conjugate vaccine introduction in Navi Mumbai, India - Stanford
- Surveillance for Enteric Fever in Asia Project (SEAP)
- Evaluating novel diagnostic approaches for tuberculosis

## Teaching

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### COURSES

#### 2017-18

- Epidemiology of Infectious Diseases: HRP 231 (Spr)

### STANFORD ADVISEES

#### Med Scholar Project Advisor

Nathan Lo

#### Postdoctoral Faculty Sponsor

Leonardo Martinez Pantoja, Renu Verma, Katharine Walter

#### Doctoral Dissertation Advisor (AC)

Nathan Lo

**Master's Program Advisor**

Jamieson O'Marr

**Doctoral (Program)**

Andrea Lund

**Postdoctoral Research Mentor**

Leonardo Martinez Pantoja, Renu Verma

**Publications**

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**PUBLICATIONS**

- **Serial QuantiFERON testing and tuberculosis disease risk among young children: an observational cohort study.** *The Lancet. Respiratory medicine*  
Andrews, J. R., Nemes, E., Tameris, M., Landry, B. S., Mahomed, H., McClain, J. B., Fletcher, H. A., Hanekom, W. A., Wood, R., McShane, H., Scriba, T. J., Hatherill, M.  
2017
- **Assessment of global guidelines for preventive chemotherapy against schistosomiasis and soil-transmitted helminthiasis: a cost-effectiveness modelling study** *LANCET INFECTIOUS DISEASES*  
Lo, N. C., Lai, Y., Karagiannis-Voules, D., Bogoch, I. I., Coulibaly, J. T., Bendavid, E., Utzinger, J., Vounatsou, P., Andrews, J. R.  
2016; 16 (9): 1065-1075
- **Comparison of community-wide, integrated mass drug administration strategies for schistosomiasis and soil-transmitted helminthiasis: a cost-effectiveness modelling study.** *The Lancet. Global health*  
Lo, N. C., Bogoch, I. I., Blackburn, B. G., Raso, G., N'Goran, E. K., Coulibaly, J. T., Becker, S. L., Abrams, H. B., Utzinger, J., Andrews, J. R.  
2015; 3 (10): e629-38
- **Integrating Social Contact and Environmental Data in Evaluating Tuberculosis Transmission in a South African Township** *JOURNAL OF INFECTIOUS DISEASES*  
Andrews, J. R., Morrow, C., Walensky, R. P., Wood, R.  
2014; 210 (4): 597-603
- **Evaluation of an Electricity-free, Culture-based Approach for Detecting Typhoidal Salmonella Bacteremia during Enteric Fever in a High Burden, Resource-limited Setting** *PLOS NEGLECTED TROPICAL DISEASES*  
Andrews, J. R., Prajapati, K. G., Eypper, E., Shrestha, P., Shakya, M., Pathak, K. R., Joshi, N., Tiwari, P., Risal, M., Koirala, S., Karkey, A., Dongol, S., Wen, et al  
2013; 7 (6)
- **Projecting the Benefits of Antiretroviral Therapy for HIV Prevention: The Impact of Population Mobility and Linkage to Care** *JOURNAL OF INFECTIOUS DISEASES*  
Andrews, J. R., Wood, R., Bekker, L., Middelkoop, K., Walensky, R. P.  
2012; 206 (4): 543-551
- **Risk of Progression to Active Tuberculosis Following Reinfection With Mycobacterium tuberculosis** *CLINICAL INFECTIOUS DISEASES*  
Andrews, J. R., Noubary, F., Walensky, R. P., Cerda, R., Losina, E., Horsburgh, C. R.  
2012; 54 (6): 784-791
- **Transmission dynamics and control of cholera in Haiti: an epidemic model** *LANCET*  
Andrews, J. R., Basu, S.  
2011; 377 (9773): 1248-1255
- **Exogenous reinfection as a cause of multidrug-resistant and extensively drug-resistant tuberculosis in rural South Africa.** *Journal of Infectious Diseases*  
Andrews, J. R., Gandhi, N. R., Prashini, M., N, S. S., Louise, B., Moll, A. P., Pillay, M., Friedland, G., Sturm, A. W.  
2008; 198 (11): 1582-9
- **Impact and cost-effectiveness of snail control to achieve disease control targets for schistosomiasis.** *Proceedings of the National Academy of Sciences of the United States of America*  
Lo, N. C., Gurarie, D., Yoon, N., Coulibaly, J. T., Bendavid, E., Andrews, J. R., King, C. H.  
2018

- **Investigating spillover of multidrug-resistant tuberculosis from a prison: a spatial and molecular epidemiological analysis.** *BMC medicine*  
Warren, J. L., Grandjean, L., Moore, D. A., Lithgow, A., Coronel, J., Sheen, P., Zelner, J. L., Andrews, J. R., Cohen, T.  
2018; 16 (1): 122
- **Plasma IgA responses against two Salmonella Typhi antigens identify patients with typhoid fever.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Andrews, J. R., Khanam, F., Rahman, N., Hossain, M., Bogoch, I. I., Vaidya, K., Kelly, M., Calderwood, S. B., Bhuiyan, T. R., Ryan, E. T., Qadri, F., Charles, R. C.  
2018
- **Suicide in Brazilian indigenous communities: clustering of cases in children and adolescents by household.** *Revista de saude publica*  
Lazzarini, T. A., Gonçalves, C. C., Benites, W. M., Silva, L. F., Tsuha, D. H., Ko, A. I., Rohrbaugh, R., Andrews, J. R., Croda, J.  
2018; 52: 56
- **What is the best immunization strategy for protecting African children against invasive Salmonella disease?** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Jeon, H. J., Pak, G. D., Im, J., Owusu-Dabo, E., Adu-Sarkodie, Y., Gassama Sow, A., Bassiahi, A. S., Gasmelseed, N., Keddy, K. H., Bjerregaard-Andersen, M., Konings, F., Aseffa, A., Crump, et al  
2018
- **Drivers of seasonal variation in tuberculosis incidence: insights from a systematic review and mathematical model.** *Epidemiology (Cambridge, Mass.)*  
Tedijanto, C., Hermans, S., Cobelens, F., Wood, R., Andrews, J. R.  
2018
- **Deworming in pre-school age children: A global empirical analysis of health outcomes.** *PLoS neglected tropical diseases*  
Lo, N. C., Snyder, J., Addiss, D. G., Heft-Neal, S., Andrews, J. R., Bendavid, E.  
2018; 12 (5): e0006500
- **Serum vitamin D levels and risk of prevalent tuberculosis, incident tuberculosis and tuberculin skin test conversion among prisoners.** *Scientific reports*  
Maceda, E. B., Gonçalves, C. C., Andrews, J. R., Ko, A. I., Yeckel, C. W., Croda, J.  
2018; 8 (1): 997
- **Invasive Pomacea snails as important intermediate hosts of Angiostrongylus cantonensis in Laos, Cambodia and Vietnam: implications for outbreaks of eosinophilic meningitis.** *Acta tropica*  
Lv, S., Guo, Y. H., Nguyen, H. M., Sinuon, M., Sayasone, S., Lo, N. C., Zhou, X. N., Andrews, J. R.  
2018
- **Comparison of Strategies and Incidence Thresholds for Vi Conjugate Vaccines Against Typhoid Fever: A Cost-effectiveness Modeling Study.** *The Journal of infectious diseases*  
Lo, N. C., Gupta, R., Stanaway, J. D., Garrett, D. O., Bogoch, I. I., Luby, S. P., Andrews, J. R.  
2018
- **Development of a new dipstick (Cholkit) for rapid detection of Vibrio cholerae O1 in acute watery diarrheal stools.** *PLoS neglected tropical diseases*  
Sayeed, M. A., Islam, K., Hossain, M., Akter, N. J., Alam, M. N., Sultana, N., Khanam, F., Kelly, M., Charles, R. C., Kováčik, P., Xu, P., Andrews, J. R., Calderwood, et al  
2018; 12 (3): e0006286
- **Disease ecology, health and the environment: a framework to account for ecological and socio-economic drivers in the control of neglected tropical diseases** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Garchitorena, A., Sokolow, S. H., Roche, B., Ngonghala, C. N., Jocque, M., Lund, A., Barry, M., MORDECAI, E. A., Daily, G. C., Jones, J. H., Andrews, J. R., Bendavid, E., Luby, et al  
2017; 372 (1722)
- **Determinants of severe dehydration from diarrheal disease at hospital presentation: Evidence from 22 years of admissions in Bangladesh.** *PLoS neglected tropical diseases*  
Andrews, J. R., Leung, D. T., Ahmed, S., Malek, M. A., Ahmed, D., Begum, Y. A., Qadri, F., Ahmed, T., Faruque, A. S., Nelson, E. J.  
2017; 11 (4)
- **A call to strengthen the global strategy against schistosomiasis and soil-transmitted helminthiasis: the time is now.** *The Lancet. Infectious diseases*  
Lo, N. C., Addiss, D. G., Hotez, P. J., King, C. H., Stothard, J. R., Evans, D. S., Colley, D. G., Lin, W., Coulibaly, J. T., Bustinduy, A. L., Raso, G., Bendavid, E., Bogoch, et al

2017; 17 (2): e64-e69

- **Increase in Tuberculosis Cases among Prisoners, Brazil, 2009-2014(1).** *Emerging infectious diseases*  
Bourdillon, P. M., Gonçalves, C. C., Pelissari, D. M., Arakaki-Sanchez, D., Ko, A. I., Croda, J., Andrews, J. R.  
2017; 23 (3): 496–99
- **High Rates of Enteric Fever Diagnosis and Lower Burden of Culture-Confirmed Disease in Peri-urban and Rural Nepal.** *The Journal of infectious diseases*  
Andrews, J. R., Vaidya, K., Bern, C., Tamrakar, D., Wen, S., Madhup, S., Shrestha, R., Karmacharya, B., Amatya, B., Koju, R., Adhikari, S. R., Hohmann, E., Ryan, et al  
2017
- **Mobile phone and handheld microscopes for public health applications** *Lancet Public Health*  
Bogoch, I. I., Lundin, J., Lo, N. C., Andrews, J. R.  
2017; 2 (8): e355
- **The global burden of tuberculosis: results from the Global Burden of Disease Study 2015.** *The Lancet. Infectious diseases*  
2017
- **Genetic Clustering of Tuberculosis in an Indigenous Community of Brazil.** *The American journal of tropical medicine and hygiene*  
Correia Sacchi, F. P., Tataira, M. B., Camioli de Lima, C., Ferreira da Silva, L., Cunha, E. A., Simonsen, V., Ferrazoli, L., Gomes, H. M., Gonçalves Vasconcellos, S. E., Suffys, P. N., Andrews, J. R., Croda, J.  
2017
- **Schistosoma haematobium Egg Excretion does not Increase after Exercise: Implications for Diagnostic Testing.** *The American journal of tropical medicine and hygiene*  
Coulibaly, J. T., Andrews, J. R., Lo, N. C., N'Goran, E. K., Utzinger, J., Keiser, J., Bogoch, I. I.  
2017
- **Drivers of Tuberculosis Transmission.** *The Journal of infectious diseases*  
Mathema, B., Andrews, J. R., Cohen, T., Borgdorff, M. W., Behr, M., Glynn, J. R., Rustomjee, R., Silk, B. J., Wood, R.  
2017; 216 (suppl\_6): S644–S653
- **Identification of Novel Serodiagnostic Signatures of Typhoid Fever Using a Salmonella Proteome Array.** *Frontiers in microbiology*  
Darton, T. C., Baker, S., Randall, A., Dongol, S., Karkey, A., Voysey, M., Carter, M. J., Jones, C., Trapp, K., Pablo, J., Hung, C., Teng, A., Shandling, et al  
2017; 8: 1794
- **Optimization and Interpretation of Serial QuantiFERON Testing to Measure Acquisition of M. tuberculosis Infection.** *American journal of respiratory and critical care medicine*  
Nemes, E., Rozot, V., Geldenhuys, H., Bilek, N., Mabwe, S., Abrahams, D., Makhetha, L., Erasmus, M., Keyser, A., Toefy, A., Cloete, Y., Ratangee, F., Blauenfeldt, et al  
2017
- **Evaluation of a Mobile Phone-Based Microscope for Screening of Schistosoma haematobium Infection in Rural Ghana.** *The American journal of tropical medicine and hygiene*  
Bogoch, I. I., Koydemir, H. C., Tseng, D., Ephraim, R. K., Duah, E., Tee, J., Andrews, J. R., Ozcan, A.  
2017; 96 (6): 1468–71
- **Eosinophilic Meningitis Caused by Angiostrongylus cantonensis.** *ACS chemical neuroscience*  
Lv, S., Zhou, X. N., Andrews, J. R.  
2017
- **Mobile-phone and handheld microscopy for neglected tropical diseases.** *PLoS neglected tropical diseases*  
Rajchgot, J., Coulibaly, J. T., Keiser, J., Utzinger, J., Lo, N. C., Mondry, M. K., Andrews, J. R., Bogoch, I. I.  
2017; 11 (7): e0005550
- **Evaluation of a Smartphone Decision-Support Tool for Diarrheal Disease Management in a Resource-Limited Setting.** *PLoS neglected tropical diseases*  
Haque, F., Ball, R. L., Khatun, S., Ahmed, M., Kache, S., Chisti, M. J., Sarker, S. A., Maples, S. D., Pieri, D., Vardhan Korrapati, T., Sarnquist, C., Federspiel, N., Rahman, et al  
2017; 11 (1)
- **Poor Validity of Noninvasive Hemoglobin Measurements by Pulse Oximetry Compared with Conventional Absorptiometry in Children in Cote d'Ivoire** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*

- Bogoch, I. I., Coulibaly, J. T., Rajchgot, J., Andrews, J. R., Kovac, J., Utzinger, J., Panic, G., Keiser, J.  
2017; 96 (1): 217-220
- **The benefits of mass deworming on health outcomes: new evidence synthesis, the debate persists.** *The Lancet. Global health*  
Andrews, J. R., Bogoch, I. I., Utzinger, J.  
2017; 5 (1): e4-e5
  - **Evaluation of Malaria Diagnoses Using a Handheld Light Microscope in a Community-Based Setting in Rural Cote d'Ivoire** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*  
Coulibaly, J. T., Ouattara, M., Keiser, J., Bonfoh, B., N'Goran, E. K., Andrews, J. R., Bogoch, I. I.  
2016; 95 (4): 831-834
  - **Risk of self-reported symptoms or diagnosis of active tuberculosis in relationship to low body mass index, diabetes and their co-occurrence.** *Tropical medicine & international health*  
Prince, L., Andrews, J. R., Basu, S., Goldhaber-Fiebert, J. D.  
2016; 21 (10): 1272-1281
  - **Advances in diagnosis, treatment, and prevention of invasive Salmonella infections.** *Current opinion in infectious diseases*  
MacFadden, D. R., Bogoch, I. I., Andrews, J. R.  
2016; 29 (5): 453-458
  - **Evaluation of a Urine Pooling Strategy for the Rapid and Cost-Efficient Prevalence Classification of Schistosomiasis.** *PLoS neglected tropical diseases*  
Lo, N. C., Coulibaly, J. T., Bendavid, E., N'Goran, E. K., Utzinger, J., Keiser, J., Bogoch, I. I., Andrews, J. R.  
2016; 10 (8)
  - **Accuracy of Mobile Phone and Handheld Light Microscopy for the Diagnosis of Schistosomiasis and Intestinal Protozoa Infections in Cote d'Ivoire** *PLOS NEGLECTED TROPICAL DISEASES*  
Coulibaly, J. T., Ouattara, M., D'Ambrosio, M. V., Fletcher, D. A., Keiser, J., Utzinger, J., N'Goran, E. K., Andrews, J. R., Bogoch, I. I.  
2016; 10 (6)
  - **Diagnosis of Opisthorchis viverrini Infection with Handheld Microscopy in Lao People's Democratic Republic.** *American journal of tropical medicine and hygiene*  
Bogoch, I. I., Sayasone, S., Vonghachack, Y., Meister, I., Utzinger, J., Odermatt, P., Andrews, J. R., Keiser, J.  
2016; 94 (1): 158-160
  - **Comparison of the Performance of the TPTest, Tubex, Typhidot and Widal Immunodiagnostic Assays and Blood Cultures in Detecting Patients with Typhoid Fever in Bangladesh, Including Using a Bayesian Latent Class Modeling Approach.** *PLoS neglected tropical diseases*  
Islam, K., Sayeed, M. A., Hossen, E., Khanam, F., Charles, R. C., Andrews, J., Ryan, E. T., Qadri, F.  
2016; 10 (4): e0004558
  - **Impact of mass-screening on tuberculosis incidence in a prospective cohort of Brazilian prisoners.** *BMC infectious diseases*  
Paião, D. S., Lemos, E. F., Carbone, A. d., Sgarbi, R. V., Junior, A. L., da Silva, F. M., Brandão, L. M., Dos Santos, L. S., Martins, V. S., Simionatto, S., Motta-Castro, A. R., Pompílio, M. A., Urrego, et al  
2016; 16 (1): 533
  - **Efficacy and safety of praziquantel against light infections of Opisthorchis viverrini: a randomised parallel single blind dose-ranging trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Sayasone, S., Meister, I., Andrews, J. R., Odermatt, P., Vonghachack, Y., Xayavong, S., Sengnam, K., Phongluxa, K., Hattendorf, J., Bogoch, I. I., Keiser, J.  
2016
  - **The mass miniature chest radiography programme in Cape Town, South Africa, 1948 - 1994: The impact of active tuberculosis case finding.** *South African medical journal = Suid-Afrikaanse tydskrif vir geneeskunde*  
Hermans, S. M., Andrews, J. R., Bekker, L. G., Wood, R.  
2016; 106 (12): 1263-69
  - **Improving helminth treatment access: costs and opportunities.** *The Lancet. Infectious diseases*  
Lo, N. C., Andrews, J. R., Bogoch, I. I.  
2016; 16 (7): 762-64
  - **Achieving high treatment success for multidrug-resistant TB in Africa: initiation and scale-up of MDR TB care in Ethiopia-an observational cohort study.** *Thorax*

- Meressa, D., Hurtado, R. M., Andrews, J. R., Diro, E., Abato, K., Daniel, T., Prasad, P., Prasad, R., Fekade, B., Tedla, Y., Yusuf, H., Tadesse, M., Tefera, et al  
2015; 70 (12): 1181-1188
- **The Impact of Ventilation and Early Diagnosis on Tuberculosis Transmission in Brazilian Prisons** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*  
Urrego, J., Ko, A. I., Santos Carbone, A. d., Guimaraes Paiao, D. S., Enne Sgarbi, R. V., Yeckel, C. W., Andrews, J. R., Crodat, J.  
2015; 93 (4): 739-746
  - **Changes to Initial Postexposure Prophylaxis Regimens Between the Emergency Department and Clinic.** *Journal of acquired immune deficiency syndromes (1999)*  
Bogoch, I. I., Siemieniuk, R. A., Andrews, J. R., Scully, E. P., Mayer, K. H., Bell, C. M., Zachary, K. C., Yawetz, S.  
2015; 69 (5): e182-4
  - **Is a Cholera Outbreak Preventable in Post-earthquake Nepal?** *PLoS neglected tropical diseases*  
Nelson, E. J., Andrews, J. R., Maples, S., Barry, M., Clemens, J. D.  
2015; 9 (8)
  - **Diagnostics for invasive Salmonella infections: Current challenges and future directions.** *Vaccine*  
Andrews, J. R., Ryan, E. T.  
2015; 33: C8-15
  - **Towards sustainable public health surveillance for enteric fever.** *Vaccine*  
Luby, S. P., Saha, S., Andrews, J. R.  
2015; 33: C3-7
  - **Diagnosis of Schistosoma haematobium Infection with a Mobile Phone-Mounted Foldscope and a Reversed-Lens CellScope in Ghana** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*  
Ephraim, R. K., Duah, E., Cybulski, J. S., Prakash, M., D'Ambrosio, M. V., Fletcher, D. A., Keiser, J., Andrews, J. R., Bogoch, I. I.  
2015; 92 (6): 1253-1256
  - **The epidemiological advantage of preferential targeting of tuberculosis control at the poor** *INTERNATIONAL JOURNAL OF TUBERCULOSIS AND LUNG DISEASE*  
Andrews, J. R., Basu, S., Dowdy, D. W., Murray, M. B.  
2015; 19 (4): 375-380
  - **The Dynamics of QuantiFERON-TB Gold In-Tube Conversion and Reversion in a Cohort of South African Adolescents.** *American journal of respiratory and critical care medicine*  
Andrews, J. R., Hatherill, M., Mahomed, H., Hanekom, W. A., Campo, M., Hawn, T. R., Wood, R., Scriba, T. J.  
2015; 191 (5): 584-591
  - **Prisons as Reservoir for Community Transmission of Tuberculosis, Brazil** *EMERGING INFECTIOUS DISEASES*  
Sacchi, F. P., Praca, R. M., Tatara, M. B., Simonsen, V., Ferrazoli, L., Croda, M. G., Suffys, P. N., Ko, A. I., Andrews, J. R., Croda, J.  
2015; 21 (3): 452-455
  - **Treating multidrug-resistant tuberculosis in community settings: a wise investment.** *international journal of tuberculosis and lung disease*  
Andrews, J. R., Stout, J. E.  
2015; 19 (2): 127-?
  - **Active and latent tuberculosis in Brazilian correctional facilities: a cross-sectional study.** *BMC infectious diseases*  
Carbone, A. d., Paião, D. S., Sgarbi, R. V., Lemos, E. F., Cazanti, R. F., Ota, M. M., Junior, A. L., Bampi, J. V., Elias, V. P., Simionatto, S., Motta-Castro, A. R., Pompílio, M. A., de Oliveira, et al  
2015; 15: 24-?
  - **A Cross-Sectional Survey of HIV Testing and Prevalence in Twelve Brazilian Correctional Facilities.** *PloS one*  
Sgarbi, R. V., Carbone, A. d., Paião, D. S., Lemos, E. F., Simionatto, S., Puga, M. A., Motta-Castro, A. R., Pompilio, M. A., Urrego, J., Ko, A. I., Andrews, J. R., Croda, J.  
2015; 10 (10): e0139487
  - **Quantitative evaluation of a handheld light microscope for field diagnosis of soil-transmitted helminth infection.** *The American journal of tropical medicine and hygiene*  
Bogoch, I. I., Andrews, J. R., Speich, B., Ame, S. M., Ali, S. M., Stothard, J. R., Utzinger, J., Keiser, J.

2014; 91 (6): 1138-1141

- **Evaluation of portable microscopic devices for the diagnosis of Schistosoma and soil-transmitted helminth infection** *PARASITOLOGY*  
Bogoch, I. I., Coulibaly, J. T., Andrews, J. R., Speich, B., Keiser, J., Stothard, J. R., N'Goran, E. K., Utzinger, J.  
2014; 141 (14): 1811-1818
- **Isoniazid preventive therapy in medium-incidence settings: the price is right.** *international journal of tuberculosis and lung disease*  
Stout, J. E., Andrews, J. R.  
2014; 18 (12): 1388-?
- **Strengthening Nepal's Female Community Health Volunteer network: a qualitative study of experiences at two years** *BMC HEALTH SERVICES RESEARCH*  
Schwarz, D., Sharma, R., Bashyal, C., Schwarz, R., Baruwal, A., Karelis, G., Basnet, B., Khadka, N., Brady, J., Silver, Z., Mukherjee, J., Andrews, J., Maru, et al  
2014; 14
- **Ultra-Low-Cost Urine Filtration for Schistosoma haematobium Diagnosis: A Proof-of-Concept Study.** *American journal of tropical medicine and hygiene*  
Ephraim, R. K., Duah, E., Andrews, J. R., Bogoch, I. I.  
2014; 91 (3): 544-546
- **The Importance of Implementation Strategy in Scaling Up Xpert MTB/RIF for Diagnosis of Tuberculosis in the Indian Health-Care System: A Transmission Model** *PLOS MEDICINE*  
Salje, H., Andrews, J. R., Deo, S., Satyanarayana, S., Sun, A. Y., Pai, M., Dowdy, D. W.  
2014; 11 (7)
- **A User-Friendly, Open-Source Tool to Project Impact and Cost of Diagnostic Tests for Tuberculosis** *ELIFE*  
Dowdy, D. W., Andrews, J. R., Dodd, P. J., Gilman, R. H.  
2014; 3
- **Patient Attrition Between the Emergency Department and Clinic Among Individuals Presenting for HIV Nonoccupational Postexposure Prophylaxis** *CLINICAL INFECTIOUS DISEASES*  
Bogoch, I. I., Scully, E. P., Zachary, K. C., Yawetz, S., Mayer, K. H., Bell, C. M., Andrews, J. R.  
2014; 58 (11): 1618-1624
- **Timing of Tuberculosis Transmission and the Impact of Household Contact Tracing An Agent-based Simulation Model** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*  
Kasaie, P., Andrews, J. R., Kelton, W. D., Dowdy, D. W.  
2014; 189 (7): 845-852
- **Quantification of shared air: a social and environmental determinant of airborne disease transmission.** *PloS one*  
Wood, R., Morrow, C., Ginsberg, S., Piccoli, E., Kalil, D., Sassi, A., Walensky, R. P., Andrews, J. R.  
2014; 9 (9)
- **Challenges in Evaluating the Cost-effectiveness of New Diagnostic Tests for HIV-Associated Tuberculosis** *CLINICAL INFECTIOUS DISEASES*  
Andrews, J. R., Lawn, S. D., Dowdy, D. W., Walensky, R. P.  
2013; 57 (7): 1021-1026
- **Complexity in mathematical models of public health policies: a guide for consumers of models.** *PLoS medicine*  
Basu, S., Andrews, J.  
2013; 10 (10)
- **Short Report: Mobile Phone Microscopy for the Diagnosis of Soil-Transmitted Helminth Infections: A Proof-of-Concept Study** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*  
Bogoch, I. I., Andrews, J. R., Speich, B., Utzinger, J., Ame, S. M., Ali, S. M., Keiser, J.  
2013; 88 (4): 626-629
- **Modeling the Role of Public Transportation in Sustaining Tuberculosis Transmission in South Africa** *AMERICAN JOURNAL OF EPIDEMIOLOGY*  
Andrews, J. R., Morrow, C., Wood, R.  
2013; 177 (6): 556-561
- **Is Passive Diagnosis Enough? The Impact of Subclinical Disease on Diagnostic Strategies for Tuberculosis** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*



- Dowdy, D. W., Basu, S., Andrews, J. R.  
2013; 187 (5): 543-551
- **Clinical predictors for the aetiology of peripheral lymphadenopathy in HIV-infected adults** *HIV MEDICINE*  
Bogoch, I. I., Andrews, J. R., Nagami, E. H., Rivera, A. M., Gandhi, R. T., Stone, D.  
2013; 14 (3): 182-186
  - **Diagnosis of influenza from lower respiratory tract sampling after negative upper respiratory tract sampling** *VIRULENCE*  
Bogoch, I. I., Andrews, J. R., Zachary, K. C., Hohmann, E. L.  
2013; 4 (1): 82-84
  - **Crossing the quality chasm in resource-limited settings** *GLOBALIZATION AND HEALTH*  
Maru, D. S., Andrews, J., Schwarz, D., Schwarz, R., Acharya, B., Ramaiya, A., Karelis, G., Rajbhandari, R., Mate, K., Shilpakar, S.  
2012; 8
  - **Simple questionnaire and urine reagent strips compared to microscopy for the diagnosis of Schistosoma haematobium in a community in northern Ghana** *TROPICAL MEDICINE & INTERNATIONAL HEALTH*  
Bogoch, I. I., Andrews, J. R., Dadzie Ephraim, R. K., Utzinger, J.  
2012; 17 (10): 1217-1221
  - **Comparative Performance of Private and Public Healthcare Systems in Low- and Middle-Income Countries: A Systematic Review** *PLOS MEDICINE*  
Basu, S., Andrews, J., Kishore, S., Panjabi, R., Stuckler, D.  
2012; 9 (6)
  - **The cost-effectiveness of routine tuberculosis screening with Xpert MTB/RIF prior to initiation of antiretroviral therapy: a model-based analysis** *AIDS*  
Andrews, J. R., Lawn, S. D., Rusu, C., Wood, R., Noubary, F., Bender, M. A., Horsburgh, C. R., Losina, E., Freedberg, K. A., Walensky, R. P.  
2012; 26 (8): 987-995
  - **On partnership. Narrative inquiry in bioethics**  
Schwarz, R., Maru, D. S., Schwarz, D., Acharya, B., Acharya, B., Rajbhandari, R., Andrews, J., Karelis, G., Sharma, R., Arnoldy, M.  
2012; 2 (2): 101-106
  - **Social and News Media Enable Estimation of Epidemiological Patterns Early in the 2010 Haitian Cholera Outbreak** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*  
Chunara, R., Andrews, J. R., Brownstein, J. S.  
2012; 86 (1): 39-45
  - **Risk factors for mortality among MDR- and XDR-TB patients in a high HIV prevalence setting** *INTERNATIONAL JOURNAL OF TUBERCULOSIS AND LUNG DISEASE*  
Gandhi, N. R., Andrews, J. R., Brust, J. C., Montreuil, R., Weissman, D., Heo, M., Moll, A. P., Friedland, G. H., Shah, N. S.  
2012; 16 (1): 90-97
  - **Implementing a systems-oriented morbidity and mortality conference in remote rural Nepal for quality improvement** *BMJ QUALITY & SAFETY*  
Schwarz, D., Schwarz, R., Gauchan, B., Andrews, J., Sharma, R., Karelis, G., Rajbhandari, R., Acharya, B., Mate, K., Bista, A., Bista, M. G., Sox, C., Maru, et al  
2011; 20 (12): 1082-1088
  - **Pandemic H1N1 Influenza Infection in Adult Transplant Recipients** *TRANSPLANTATION*  
Bogoch, I. I., Andrews, J. R., Hohmann, E. L., Kotton, C. N., Marty, F. M.  
2011; 91 (12): E80-E81
  - **HIV-1 and 2009 H1N1 Influenza A in Adults** *JAIDS-JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES*  
Bogoch, I. I., Andrews, J. R., Marty, F. M., Hohmann, E. L.  
2011; 56 (4): E111-E113
  - **Visceral Leishmaniasis in Far Western Nepal: Another Case and Concerns about a New Area of Endemicity** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*  
Schwarz, D., Andrews, J., Gauchan, B.  
2011; 84 (3): 508-508
  - **Tuberculosis and HIV Co-Infection Screening and Treatment Strategies** *DRUGS*  
Venkatesh, K. K., Swaminathan, S., Andrews, J. R., Mayer, K. H.

2011; 71 (9): 1133-1152

- **Kaposi's Sarcoma-Associated Herpesvirus-Related Solid Lymphoma Involving the Heart and Brain.** *AIDS research and treatment*  
Andrews, J. R., Cho-Park, Y. A., Ferry, J., Abramson, J. S., Robbins, G. K.  
2011; 2011: 729854-?
- **Predictors of Multidrug- and Extensively Drug-Resistant Tuberculosis in a High HIV Prevalence Community** *PLOS ONE*  
Andrews, J. R., Shah, N. S., Weissman, D., Moll, A. P., Friedland, G., Gandhi, N. R.  
2010; 5 (12)
- **Turning a blind eye: the mobilization of radiology services in resource-poor regions.** *Globalization and health*  
Maru, D. S., Schwarz, R., Jason, A., Basu, S., Sharma, A., Moore, C.  
2010; 6: 18-?
- **HIV Coinfection in Multidrug- and Extensively Drug-Resistant Tuberculosis Results in High Early Mortality** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*  
Gandhi, N. R., Shah, N. S., Andrews, J. R., Vella, V., Moll, A. P., Scott, M., Weissman, D., Marra, C., Laloo, U. G., Friedland, G. H.  
2010; 181 (1): 80-86
- **Global Health Delivery 2.0: Using Open-Access Technologies for Transparency and Operations Research** *PLOS MEDICINE*  
Maru, D. S., Sharma, A., Andrews, J., Basu, S., Thapa, J., Oza, S., Bashyal, C., Acharya, B., Schwarz, R.  
2009; 6 (12)
- **Averting epidemics of extensively drug-resistant tuberculosis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Basu, S., Friedland, G. H., Medlock, J., Andrews, J. R., Shah, N. S., Gandhi, N. R., Moll, A., Moodley, P., Sturm, A. W., Galvani, A. P.  
2009; 106 (18): 7672-7677
- **Treatment outcomes among patients with multidrug-resistant tuberculosis: systematic review and meta-analysis** *LANCET INFECTIOUS DISEASES*  
Orenstein, E. W., Basu, S., Shah, N. S., Andrews, J. R., Friedland, G. H., Moll, A. P., Gandhi, N. R., Galvani, A. P.  
2009; 9 (3): 153-161
- **Multidrug-resistant and extensively drug-resistant tuberculosis: Implications for the HIV epidemic and antiretroviral therapy rollout in South Africa** *JOURNAL OF INFECTIOUS DISEASES*  
Andrews, J. R., Shah, N. S., Gandhi, N., Moll, T., Friedland, G.  
2007; 196: S482-S490
- **Prevention of nosocomial transmission of extensively drug-resistant tuberculosis in rural South African district hospitals: an epidemiological modelling study** *LANCET*  
Basu, S., Andrews, J. R., Poolman, E. M., Gandhi, N. R., Shah, N. S., Moll, A., Moodley, P., Galvani, A. P., Friedland, G. H.  
2007; 370 (9597): 1500-1507
- **XDR-TB in South Africa: Theory and practice** *PLOS MEDICINE*  
Andrews, J., Basu, S., Scales, D., Maru, D. S., Subbaraman, R.  
2007; 4 (4): 770-771
- **Extensively drug-resistant tuberculosis as a cause of death in patients co-infected with tuberculosis and HIV in a rural area of South Africa** *LANCET*  
Gandhi, N. R., Moll, A., Sturm, A. W., Pawinski, R., Govender, T., Laloo, U., Zeller, K., Andrews, J., Friedland, G.  
2006; 368 (9547): 1575-1580
- **Populations who test drugs should benefit from them** *NATURE*  
Basu, S., Andrews, J., Smith-Rohrberg, D.  
2006; 440 (7084): 605-605
- **Research in the ranks - vulnerable subjects, coercible collaboration and the hepatitis E vaccine trial in Nepal** *PERSPECTIVES IN BIOLOGY AND MEDICINE*  
Andrews, J.  
2006; 49 (1): 35-51
- **US military sponsored vaccine trials and La resistance in Nepal** *AMERICAN JOURNAL OF BIOETHICS*  
Andrews, J.

2005; 5 (3): W1-W3

- **How do international trade agreements influence the promotion of public health?--An introduction to the issue.** *Yale journal of health policy, law, and ethics*  
Andrews, J., Chaifetz, S.

2004; 4 (2): 339-340