



Brian Blackburn

Clinical Professor, Medicine - Infectious Diseases

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Infectious Disease Clinic**

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Bio

BIO

Dr. Brian Blackburn specializes in the treatment of infectious diseases. He has practiced for over a decade and a half in this specialty, and has a special interest in travel and tropical medicine, and in infections in patients with compromised immune systems

CLINICAL FOCUS

- Infectious Disease
- Parasitology
- Tropical Medicine
- Global health
- Travel Medicine
- Internal Medicine

ACADEMIC APPOINTMENTS

- Clinical Professor, Medicine - Infectious Diseases
- Affiliate, Stanford Woods Institute for the Environment

ADMINISTRATIVE APPOINTMENTS

- Member, Infectious Diseases / EIS Joint Fellowship IDSA National Steering Committee, (2021- present)
- Committee Member, ACGME Infectious Diseases Milestones Development National Committee, (2018-2022)
- Committee member, Infectious Diseases Society of America Training Program Directors' Committee, (2017-2022)
- Faculty Fellow, Stanford Center for Innovation in Global Health, (2015- present)
- Fellowship Program Director, Stanford University Division of Infectious Diseases & Geographic Medicine, (2014- present)
- Director, Scholarly Concentration in Global Health, Stanford University School of Medicine, (2010- present)
- Affiliated Faculty Member, Stanford Univ. Woods Institute for the Environment, (2009- present)

- Associate Chief for Clinical Affairs, Stanford Univ Division of Infectious Diseases, (2008-2011)
- Committee member, Stanford Quality Initiative on Sepsis, (2008-2009)
- Committee member, Stanford Surgical Care Improvement Project, (2007-2007)
- Affiliated Faculty Member, Stanford Center for African Studies, (2006- present)
- Committee member, Stanford Pharmacy and Therapeutics Antibiotic Subcommittee, (2005- present)
- Committee member, Stanford Internal Medicine Residency Review Committee, (2005-2010)
- Committee member, Stanford Internal Medicine Intern Selection Committee, (2005-2009)

HONORS AND AWARDS

- Alwin C. Rambar-James B.D. Mark Award for Excellence in Patient Care, Stanford University School of Medicine (2021)
- Fellow, Infectious Diseases Society of America (2018)
- Vosti Award - Excellence in Teaching, Stanford Division of Infectious Diseases & Geographic Medicine (2013, 2012, 2010, and 2007)
- Infectious Diseases Division Teaching Award, Stanford University Department of Internal Medicine (2013, 2012, 2010, and 2007)
- Dean's Award for Excellence in Teaching, Stanford School of Medicine (2008)
- Distinguished Service to Housestaff Education, Stanford Dept of Medicine, Chief Residents (2008)
- Exceptional Preceptor Award, Ambulatory Medicine Clerkship, Stanford University Dept of Medicine (2007)
- Amstrong Award - Excellence in Patient Care, Stanford Dept of Medicine (2000)
- Chicago Medical School Alumni Association Award, Chicago Medical School (1997)
- Alpha Omega Alpha Honor Society, AOA chapter - Chicago Medical School (1995)
- American Society of Clinical Pathologist's Award, ASCP (1995)
- McGraw-Hill Academic Achievement Award, McGraw-Hill - Chicago Medical School (1994)
- Graduation with Departmental Honors, UCLA Dept. of Biology (1992)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Infectious Disease Fellowships (2002) CA
- Residency: Stanford University Internal Medicine Residency (2000) CA
- Internship: Stanford University Internal Medicine Residency (1998) CA
- Medical Education: Rosalind Franklin University The Chicago Medical School (1997) IL
- Certificate of Knowledge, American Society of Tropical Medicine and Hygiene , Trop Medicine, Travelers Health (2010)
- EIS, Centers for Disease Control , Epidemiology (2005)
- Board Certification: Infectious Disease, American Board of Internal Medicine (2002)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2000)
- Fellowship, Stanford University , Infectious Diseases (2002)
- Internship, Residency, Chief Res, Stanford University , Internal Medicine (Chief Resident 2002-03) (2000)
- Medical Education (MD), Chicago Medical School , Medicine (1997)
- BS, UCLA , Biology (1992)

COMMUNITY AND INTERNATIONAL WORK

- Clinical and programmatic work, Dhaka, Bangladesh
- Research collaboration, Nairobi and Kisumu, Kenya
- Clinical and programmatic work, Monrovia, Liberia

- Evaluating and Financing ITNs in India, Orissa State, India
- Integration of insecticide-treated bednet distribution and mass drug administration in Nigeria, Nigeria
- Schistosomiasis, strongyloidiasis: presumptive treatment among Sudanese Lost Boys and Somali Bantus, Sudan, Kenya, Phoenix

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My interests include parasitology and global health; I've investigated cryptosporidium and angiostrongylus outbreaks; schistosoma/strongyloides seroprevalence in refugees, and the distribution and impact of ITNs for malaria and filariasis prevention in Nigeria and India. I have done clinical and programmatic work at teaching hospitals in Liberia and Bangladesh and have opportunities for research in Bangladesh and Kenya, in collaboration with ICDDR,B and CDC, Kenya

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Infectious Diseases (Fellowship Program)
- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Virtual Recruitment Is Here to Stay: A Survey of ID Fellowship Program Directors and Matched Applicants Regarding Their 2020 Virtual Recruitment Experiences.** *Open forum infectious diseases*
Rockney, D., Benson, C. A., Blackburn, B. G., Chirch, L. M., Konold, V. J., Luther, V. P., Razonable, R. R., Tackett, S., Melia, M. T.
2021; 8 (8): ofab383
- **Reactivation of Chagas Disease in a Patient With an Autoimmune Rheumatic Disease: Case Report and Review of the Literature.** *Open forum infectious diseases*
Czech, M. M., Nayak, A. K., Subramanian, K. n., Suarez, J. F., Ferguson, J. n., Jacobson, K. B., Montgomery, S. P., Chang, M. n., Bae, G. H., Raghavan, S. S., Wang, H. n., Miranti, E. n., Budvytiene, et al
2021; 8 (2): ofaa642
- **Concurrent Trypanosoma cruzi and Cytomegalovirus Reactivation in an Immunosuppressed Patient With Limited Cutaneous Systemic Sclerosis.** *The American Journal of dermatopathology*
Chang, M. S., Bae, G. H., Almazan, T., Raghavan, S. S., Wang, J. Y., Czech, M. M., Wang, H., Banaei, N., Blackburn, B. G., Novoa, R. A., Rieger, K. E.
2020
- **Use of Remdesivir for Pregnant Patients with Severe Novel 2019 Coronavirus Disease.** *American journal of obstetrics and gynecology*
Igbinosa, I., Miller, S., Bianco, K., Nelson, J., Kappagoda, S., Blackburn, B. G., Grant, P., Subramanian, A., Lyell, D., El-Sayed, Y., Aziz, N.
2020
- **The Struggling Infectious Diseases Fellow: Remediation Challenges and Opportunities.** *Open forum infectious diseases*
Melia, M. T., Paez, A., Reid, G., Chirch, L. M., Luther, V. P., Blackburn, B. G., Perez, F., Abdoler, E., Kaul, D. R., Rehm, S., Harik, N., Barsoumian, A., Person, et al
2020; 7 (3): ofaa058
- **Free Living Amebae** *Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases*
Koshy, A., Blackburn, B. G., Singh, U.
Elsevier.2020; 9: 3287–98
- **Tuberculosis and Parasitic Infections of the Genitourinary Tract** *Campbell-Walsh-Wein Urology*
Chang, A. H., Blackburn, B. G., Hsieh, M. H.
Elsevier.2020; 12: 1305–37
- **Compassionate Use of Remdesivir in Pregnant Women with Severe Covid-19.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*

Burwick, R. M., Yawetz, S. n., Stephenson, K. E., Collier, A. Y., Sen, P. n., Blackburn, B. G., Kojic, E. M., Hirshberg, A. n., Suarez, J. F., Sobieszczyk, M. E., Marks, K. M., Mazur, S. n., Big, et al
2020

- **Pathogenic Intestinal Parasites in Transplant Recipients** *Emerging Transplant Infections*
Rosser, J. I., Blackburn, B. G.
Springer.2020; 1: 1–55
- **Diagnosis of Chagasic Encephalitis by Sequencing of 28S rRNA Gene** *EMERGING INFECTIOUS DISEASES*
Multani, A., Meer, A., Smith, D. S., Kheraj, M. N., Plowey, E. D., Blackburn, B. G.
2019; 25 (7): 1370–72
- **Soil-Transmitted Helminths: Ascaris, Trichuris, and Hookworm Infections** *In: Selendy J (ed.) Water and Sanitation Related Diseases and the Environment: Challenges, Interventions and Preventive Measures*
Yu, A. T., Blackburn, B. G.
Wiley Blackwell.2019; 2nd: 95–110
- **Parasitic Infections in Transplant Patients: Toxoplasmosis, Strongyloidiasis, and Other Parasites** *Principles and Practice of Transplant Infectious Diseases*
Blackburn, B. G., Montoya, J. G.
edited by Safdar, A.
Springer-Verlag.2019; 1: 775–92
- **Role of Toxoplasma IgA as part of a Reference Panel for the Diagnosis of Acute Toxoplasmosis During Pregnancy.** *Journal of clinical microbiology*
Olariu, T. R., Blackburn, B. G., Press, C., Talucod, J., Remington, J. S., Montoya, J. G.
2018
- **Central Nervous System Infections** *Scientific American Critical Care of the Surgical Patient*
Finley Caulfield, A., Blackburn, B. G.
Hamilton (ON): Decker Intellectual Properties.2017; 1: 1–23
- **Serious Bacterial Infections Acquired During Treatment for Purported Chronic Lyme Disease – United States** *Morbid Mortal Weekly Report*
Marzec, N., Nelson, C., Waldron, P., Blackburn, B., Hosain, S., Greenhow, T., Green, G., Lomen-Hoerth, C., Golden, M., Mead, P.
2017; 66: 607-9
- **Tuberculosis and Parasitic Infections of the Genitourinary Tract** *Campbell-Walsh Urology*
Chang, A., Blackburn, B., MH, H.
Elsevier.2016; 11: 421–46
- **First case of infectious endocarditis caused by Parvimonas micra.** *Anaerobe*
Gomez, C. A., Gerber, D. A., Zambrano, E., Banaei, N., Deresinski, S., Blackburn, B. G.
2015; 36: 53-55
- **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
- **Free Living Amebae** *Mandell, Bennett, and Dolin's Principles and Practice of Infectious Diseases*
Koshy, A., Blackburn, B. G., Singh, U.
Elsevier Saunders.2015; 8: 3059–69
- **Comparison of community-wide, integrated mass drug administration strategies for schistosomiasis and soil-transmitted helminthiasis: a cost-effectiveness modelling study** *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: e629-38
- **Micro-Loans, Insecticide-Treated Bednets, and Malaria: Evidence from a Randomized Controlled Trial in Orissa, India.** *The American economic review*
Tarozzi, A., Mahajan, A., Blackburn, B., Kopf, D., Krishnan, L., Yoong, J.
2014; 104 (7): 1909-41

- **Insecticide-Treated Bednets and Malaria Control: Strategies, Implementation, and Outcome** *The Global Challenge of Malaria: Lessons of the Past and Future Prospects*
HV, F., E. M., BG, B.
edited by FM, S. G., R, B.
World Scientific Press.2014; 1st: 143–87
- **Eosinophilic Meningitis Attributable to *Angiostrongylus cantonensis* Infection in Hawaii: Clinical Characteristics and Potential Exposures** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Hochberg, N. S., Blackburn, B. G., Park, S. Y., Sejvar, J. J., Effler, P. V., Herwaldt, B. L.
2011; 85 (4): 685-690
- **Antiparasitic Therapy** *MAYO CLINIC PROCEEDINGS*
Kappagoda, S., Singh, U., Blackburn, B. G.
2011; 86 (6): 561-583
- **West Nile virus encephalitis acquired via liver transplantation and clinical response to intravenous immunoglobulin: case report and review of the literature.** *Transpl Infect Dis*
Rhee C, Eaton EF, Concepcion W, Blackburn BG.
2011; 13: 312-7
- **Soil-Transmitted Helminths: Ascaris, Trichuris, and Hookworm Infections** *In: Selendy J (ed.) Water and Sanitation Related Diseases and the Environment: Challenges, Interventions and Preventive Measures, 1st Ed.*
Blackburn BG, Barry M
2011: 81-93
- **High Prevalence of *Wuchereria bancrofti* Infection As Detected by Immunochromatographic Card Testing in Five Districts of Orissa, India, Previously Considered to be Non-Endemic** *Trans R Soc Trop Med Hyg*
Foo PK, Tarozzi A, Mahajan A, Yoong J, Krishnan L, Kopf D, Blackburn BG
2011; 105: 109-14
- **Parasitic Infections in Cancer Patients: Toxoplasmosis, Strongyloidiasis, and Other Parasites** *In: Safdar A, ed. Principles and Practice of Cancer Infectious Diseases, Current Clinical Oncology Series. 1st ed.*
Blackburn BG, Montoya JG
2011; 1: 469-80
- **Free Living Amebae.** *In: Mandell G, Bennett JE, Dolin R, eds., Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases, 7th ed.*
Koshy, A., Blackburn, B. G., Singh, U.
2010; 7: 3427-3436
- **Travel Medicine** *In: Bope ET, Rakel RE, Kellerman RD (eds). Conn's Current Therapy 2010.*
Chary A, Singh U, Blackburn BG
2010; 62: 155-68
- **Commitment Mechanisms and Compliance with Health-Protecting Behavior: Preliminary Evidence from Orissa, India** *121st Annual Meeting of the American-Economic-Association*
Tarozzi, A., Mahajan, A., Yoong, J., Blackburn, B.
AMER ECONOMIC ASSOC.2009: 231–35
- **Commitment Mechanisms and Compliance with Health-Protecting Behavior: Preliminary Evidence from Orissa, India.** *The American economic review*
Tarozzi, A., Mahajan, A., Yoong, J., Blackburn, B.
2009; 99 (2): 231-5
- **Review of Travel Medicine, 2nd Ed. Keystone JS, Kozarsky PE, Freedman DO, Nothdurft HO, Connor BA (eds)** *Clin Infect Dis*
Barry M, Blackburn BG
2009; 49: 1461
- **Gram Negative Rods, Gram Positive Organisms, and Pneumonia chapters** *Practical Guide to the Care of the Surgical Patient (in press)*
Pang PS, Blackburn BG, Eckburg PB
2009; 1st Ed: 92-7, 98-100, 102-5

- **Severe Encephalomyelitis in an Immunocompetent Adult with Chromosomally Integrated Human Herpesvirus 6 and Clinical Response to Treatment with Foscarnet plus Ganciclovir** *Clin Infect Dis*
Troy SB, Blackburn BG, Yeom K, Finley Caulfield AK, Bhangoo MS, Montoya JG
2008; 47: e93-6
- **Schistosomiasis** *Health Information for International Travel 2008 (The Yellow Book)*
Maguire J, Blackburn B, Montgomery S
2007: 297-301
- **High prevalence and presumptive treatment of schistosomiasis and strongyloidiasis among African refugees** *Clin Infect Dis*
Blackburn BG*, Posey DL*, Weinberg M, Flagg EW, Ortega L, Wilson M, Secor WE, Sanders-Lewis K, Won K, Maguire JH
2007; 45: 1310-15
- **Distribution of Eosinophilic Meningitis Cases Attributable to *Angiostrongylus cantonensis*, Hawaii** *Emerg Infect Dis*
Hochberg NS, Park SY, Blackburn BG, Sejvar JJ, Gaynor K, Chung H, Leniek K, Herwaldt BL, Effler PV
2007; 13: 1675-1680
- **Full recovery from *Baylisascaris procyonis* eosinophilic meningitis** *Emerg Infect Dis*
Pai PJ, Blackburn BG, Kazacos KR, Warriar RP, Begue RE
2007; 13 (6): 928-930
- **Microarray detection of human parainfluenzavirus 4 infection associated with respiratory failure in an immunocompetent adult** *CLINICAL INFECTIOUS DISEASES*
Chiu, C. Y., Rouskin, S., Koshy, A., Urisman, A., Fischer, K., Yagi, S., Schnurr, D., Eckburg, P. B., Tompkins, L. S., Blackburn, B. G., Merker, J. D., Patterson, B. K., Ganem, et al
2006; 43 (8): E71-E76
- **Successful integration of insecticide-treated bed net distribution with mass drug administration in Central Nigeria** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Blackburn, B. G., Eigege, A., Gotau, H., Gerlong, G., Miri, E., Hawley, W. A., Mathieu, E., Richards, F.
2006; 75 (4): 650-655
- **Urban lymphatic filariasis in central Nigeria** *ANNALS OF TROPICAL MEDICINE AND PARASITOLOGY*
Terranella, A., Eigiege, A., Gontor, I., Dagwa, P., Damishi, S., Miri, E., Blackburn, B., McFarland, D., Zingeser, J., Jinadu, M. Y., Richards, F. O.
2006; 100 (2): 163-172
- **Schistosomiasis and Strongyloidiasis chapters** *The Red Book*
Blackburn B
2006; 27th Ed.: 587-88; 629-631
- **Outbreak of Cryptosporidiosis Associated with Consumption of Ozonated Apple Cider** *Emerg Infect Dis*
Blackburn BG, Mazurek J, Hlavsa M, Park J, Tillapaw M, Parrish M, Salehi E, Franks W, Koch E, Smith F, Xiao L, Arrowood M, Hill V, da Silva A, Jones J
2006; 12: 684-686
- **Emergency survey methods in acute cryptosporidiosis outbreak** *EMERGING INFECTIOUS DISEASES*
Fox, L. M., Ocfemia, M. C., Hunt, D. C., Blackburn, B. G., Neises, D., Kent, W. K., Beach, M. J., Pezzino, G.
2005; 11 (5): 729-731
- **Schistosomiasis** *Health Information for International Travel 2005-2006 (The Yellow Book)*
Blackburn B, Maguire J
2005: 266-270
- **Surveillance for waterborne-disease outbreaks associated with recreational water--United States, 2001-2002.** *Morbidity and mortality weekly report. Surveillance summaries (Washington, D.C. : 2002)*
Yoder, J. S., Blackburn, B. G., Craun, G. F., Hill, V., Levy, D. A., Chen, N., Lee, S. H., Calderon, R. L., Beach, M. J.
2004; 53 (8): 1-22

PRESENTATIONS

- Chagas Disease: Atypical Manifestations in Immunocompromised Hosts - Implications for Diagnosis, Screening, and Treatment - Mayo Clinic Division of Infectious Diseases Global Health Seminar Series (2/23/2021 - 2/23/2021)

- Chagas Disease - Allegheny General Hospital (affiliate of Drexel University College of Medicine) (5/20/2021 - May 20, 2021)
- Infectious Diseases Milestones: Draft Completion and Solicitation of Public Comment - National Program Director's meeting / Infectious Diseases Society of America (IDSA) National Meeting (10/1/2020 - 10/1/2020)
- Native Valve Infective Endocarditis: Antimicrobial Therapy in 2019 - American Heart Association Scientific Sessions National Meeting (11/1/2019 - 11/1/2019)
- Development of Infectious Diseases Milestones: Update - National Program Director's meeting / Infectious Diseases Society of America (IDSA) national meeting (10/1/2019 - 10/1/2019)
- Successful integration of insecticide-treated bednet distribution and mass drug administration in Central Nigeria - Poster presentation at American Society of Tropical Medicine and Hygiene meeting (12/1/2005 - December 1, 2005)
- Schistosomiasis, strongyloidiasis, and presumptive treatment among Sudanese Lost Boys and Somali Bantu refugees - Poster presentation at IDSA meeting
- Outbreak of Cryptosporidiosis Associated with Consumption of Ozonated Apple Cider — Ohio 2003 - Poster presentation at Infections Diseases Society of America (IDSA) meeting
- Infections of the Tropics: Current Diagnostic & Therapeutic Issues - Keynote Speaker at 30th Annual Northern California American Society of Microbiology regional meeting
- Infectious Diseases in Overseas Settings - American College of Surgeons national meeting (97th Annual Clinical Congress)
- Parasitic Infections in Returning Travelers - Invited oral presentation, American College Health Association national meeting
- Enteric Parasitology - Invited oral presentation at 25th Annual Northern California American Society of Microbiology regional meeting
- Neglected Parasitic Diseases - Invited oral presentation at 34th Annual Winter Course for Infectious Diseases,
- ITNs: Integration in disease control and elimination campaigns - Invited oral presentation at 4th Annual Unite for Sight International Conference