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**CURRENT POSITIONS**

*Primary*

**Associate Professor of Medicine,** Division of Infectious Diseases, Sept 2017 —

Duke University Medical Center,Durham, NC

**Staff Physician**, Medical Service, Jul 2012 —

Durham Veterans Affairs Medical Center, Durham, NC

*Secondary*

**Assistant Research Professor of Global Health**, Duke Global Health Institute, Jan 2017 —

Duke University, Durham, NC

**Adjunct Assistant Professor,** Department of Epidemiology, Jul 2012 —

University of North Carolina Gillings School of Global Public Health, Chapel Hill

*Memberships*

**Duke Clinical Research Institute**, June 2017 –

**Fitzpatrick Institute for Photonics**, Oct 2015 –

**Center for the Genomics of Microbial Systems**, Nov 2016 –

Duke University, Durham, NC

**PRIOR POSITIONS**

**Assistant Professor of Medicine,** Division of Infectious Diseases, Sept 2013 — Aug 2017

**Medical Instructor,** Division of Infectious Diseases, Jul 2012 – Aug 2013

Duke University Medical Center, Durham, NC

**EDUCATION & TRAINING**

**University of North Carolina Gillings School of Global Public Health**, Chapel Hill

Postdoctoral fellow, Department of Epidemiology, Jul 2008 – Jun 2012

**Duke University Medical Center**, Durham, NC

Fellow, Division of Infectious Diseases & International Health, Jul 2007 – Jun 2012

**Yale University School of Medicine**, New Haven, CT

Intern/Resident, Department of Medicine, Jun 2004 – Jun 2007

**University of North Carolina School of Public Health**, Chapel Hill

MPH, Health Care & Prevention, Aug 2001 – Dec 2002

**Duke University School of Medicine**, Durham, NC

MD, Aug 1999 – Jun 2004

**Duke University**, Durham, NC

BS, Biology, *Magna cum laude*, Aug 1994 – Jun 1998

**CERTIFICATION**

**Board Certified Issue Date Expiration**

American Board of Internal Medicine 8/2007 12/2017

ABIM – Infectious Diseases 10/2010 12/2020

**MEDICAL LICENSURE**

**State Number Issue Date Expiration**

ConnecticutN/A 7/2004 7/2007

North Carolina 2008-01807 7/2007 12/2018

**ADDITIONAL TRAINING**

**Science & Society SciComm Fellow Program,** Sept 2015 – Dec 2015

Duke Initiative for Science & Society, Duke University, Durham, NC

Topics: Preparation of policy briefs, engaging policymakers and funders, developing scientific storytelling, disseminating science to diverse audiences

Coordinators: Jory Weintraub PhD (Duke)

**Summer Institute in Statistical Genetics**, July 2014

University of Washington, Seattle

Topics: Molecular Genetics and Genomics, Gene Expression Profiling

Coordinators: Greg Gibson PhD (Georgia Tech) & John Storey PhD (Princeton)

**Duke Faculty Development Academy**, Jan 2014 – Jan 2016

Department of Medicine, Duke University Medical Center, Durham, NC

Topics: Scientific writing skills, grantsmanship, presentation skills, transition to independence, project and personnel management, individualized structured mentorship

Coordinator: J. Brice Weinberg MD (Duke/Durham VAMC)

**Duke Bioinformatics Workshop**, July 2013

Duke Center for Human Genetics, Durham, NC

Topics: Genome browsing, sequence variation, comparative genomics, next-generation sequencing, microarray analyses, RNA sequencing, proteomics, epigenomics

Coordinator: Simon Gregory PhD (Duke)

**Malaria Experimental Genetics, Wellcome Trust Advanced Course**, Mar 2013

Wellcome Trust Sanger Institute, Hinxton, UK

Topics: Recombineering, parasite transfection, application of conditional knockout systems, flow cytometry-based parasite phenotyping, RNA sequencing

Coordinators: Julian Rayner PhD & Oliver Billker PhD (Wellcome Trust Sanger Institute)

**Duke Leadership Development for Researchers,** Feb 2013

Duke University School of Medicine, Durham, NC

Topics: personality types, team building, conflict resolution, goal-based career development

Coordinator: Ann Brown MD MHS (Duke)

**AWARDS**

**Duke Health Scholar**, 2016

**NIH Mentored Clinical Scientist Career Development Award (K08),** 2012

**NIH Loan Repayment Program,** Recipient, 2009, 2011, 2013

**NC Translational and Clinical Sciences Institute $10K Pilot Award**, 2009

**Best Research Poster**, Connecticut IDSA Annual Meeting, 2007

**Yale/Johnson & Johnson Physician Scholar in International Health**, 2006

**Centers for Disease Control O.C. Hubert Fellowship in International Health**, 2003

**PROFESSIONAL SOCIETIES**

**American Society of Tropical Medicine & Hygiene**, 2008 – present

**PROFESSIONAL SERVICE**

*Reviewer:*

**Journals:** *eLife; Clinical Infectious Diseases; Journal of Clinical Investigation; Journal of Infectious Diseases;* *Emerging Infectious Diseases; Blood; Antimicrobial Agents & Chemotherapy; Journal of Antimicrobial Chemotherapy; American Journal of Tropical Medicine & Hygiene; Journal of Clinical Microbiology; PLoS Neglected Tropical Diseases; Current Biology; Tropical Medicine & International Health; Acta Tropica*; *Mayo Clinic Proceedings; Parasitology; Malaria Journal*; *Infection*; *Medical Mycology*; *Journal of Medical Microbiology and Diagnosis; Infection, Genetics, & Evolution;* *Vaccine; PLoS One; International Journal for Parasitology: Drugs and Drug Resistance; European Journal of Human Genetics; Paediatrics and International Child Health; BMC Infectious Diseases; Scientific Reports*

**Private funding organizations:**

*The Leakey Foundation – 2014*

*The Wellcome Trust – 2015 –*

*German Academic Exchange Service (DAAD) – 2015*

*Duke University internal programs:*

*DTRI Supplemental Pilot – 2016 –*

*Core Facility Voucher – 2016 –*

*Physician-Scientist Strong Start – 2017*

*Office of Research Mentoring (K Club, Path to Independence) – 2017*

**Public funding organizations*:***

*NIH, Special Emphasis Panel 2016/01 ZRG1 EMNR-A (02) M – December 2015*

*NIH, Special Emphasis Panel 2016/10 ZRG1 IDM-V (81) A – June 2016*

*NIH, Special Emphasis Panel 2016/08 ZRG1 IDM-V (12) B – June 2016*

*Dept of Defense Peer-Reviewed Medical Research Program IIRA/TTDA – July 2016, August 2017*

*NIH, International Centers of Excellence for Malaria Research (U19) 2017/01 ZAI1-LG-M (J1) – October 2016*

*NIH, Special Emphasis Panel 2017/01 ZRG1 IDM-V (12) B – November 2016*

*NIH, H3Africa Research Projects 2017/05 ZHG1 HGR-M (M1) 1 – March 2017*

*NIH, Clinical Research and Field Studies of Infectious Diseases (CRFS) – June 2017, February 2018*

*NIH, Small Business 2018/01 ZRG1 IDM-V (12) B – Nov 2017*

*NIH, Special Emphasis Panel 2018/01 ZAI1 CB-M (J1) 1 – Nov 2017 (Chair)*

*NIH, Special Emphasis Panel 2018/05 ZAI1-MFH-M-M1 – Jan 2018*

**Other:**

**Member**, Institutional Review Board, Duke University Health System, 2016 – present

*Meeting service:*

**Scientific Committee member**, MEEGID XIII, May 2016, Antwerp, Belgium

**Co-chair,** MEEGID XIII Symposium 5, “*Plasmodium* and other apicomplexan parasites,” May 2016, Antwerp, Belgium

**Co-chair,** ASTMH Annual Meeting Scientific Session 62, “Malaria: Using Genetic Tools to Understand Antimalarial Resistance,” November 2013, Washington, DC

*Advisory panels:*

**Invited Expert, Malaria Screening and Treatment During Pregnancy,** Foundation for Innovative New Diagnostics, November 2017, Baltimore, MD

**Invited Expert, Surveillance of Antimalarial Drug Resistance Using Molecular Markers,** Foundation for Innovative New Diagnostics, September 2017, Geneva

**Member, Evidence Review Group on Malaria in Pregnancy**, Global Malaria Programme, World Health Organization, July 2017, Geneva

**Ad hoc member, Technical Expert Group on Drug Efficacy and Response,** Global Malaria Programme, World Health Organization, December 2015, Geneva

**PEER-REVIEWED PUBLICATIONS**

1. Miller RH, Hathaway NJ, Kharabora O, Mwandagalirwa K, Tshefu A, Meshnick S, **Taylor S**, Juliano J, Stewart VA, Bailey J. A deep sequencing approach to estimate Plasmodium falciparum complexity of infection (COI) and explore Apical Membrane Antigen 1 diversity. *Malaria J* [in press]
2. Rogerson SJ, Desai M, Mayor A, Sicuri E, **Taylor SM**, van Eijk AM. Burden pathology and costs of malaria in pregnancy: new developments for an old problem. *Lancet Infect Dis* [in press]
3. **Taylor SM**, Madanitsa M, Thwai KL, Khairallah C, Kalilani-Phiri L, van Eijk AM, Mwapasa V, ter Kuile FO, Meshnick SR. Minimal impact by antenatal subpatent *P. falciparum* infections on delivery outcomes in Malawian women: a cohort study. *J Infect Dis* 2017; 216: 296.
4. Patel JC, Hathaway NJ, Parobek CM, Thwai KL, Madanitsa M, Khairallah C, Kalilani-Phiri L, Mwapasa V, Massougbodji A, Fievet N, Bailey JA, ter Kuile FO, Deloron P, Engel SM, **Taylor SM**, Juliano JJ, Tuikue Ndam N, Meshnick SR. Increased risk of low birth weight in women with placental malaria associated with *P. falciparum* VAR2CSA clade. *Sci Rep* 2017; 7: 7768.
5. Nkhoma M, Ashorn P, Ashorn U, Dewet KG, Gondwe A, Mbotwa J, Rogerson S, **Taylor SM**, Maleta K. Providing lipid-based nutrient supplement during pregnancy does not reduce the risk of maternal P falciparum parasitaemia and reproductive tract infections: a randomised controlled trial. *BMC Preg Childbirth* 2017; 17: 35.
6. Levitt B, Obala A, Langdon S, Corcoran D, O’Meara WP, **Taylor SM**. Overlap extension barcoding for the next generation sequencing and genotyping of *Plasmodium falciparum* in individual patients in Western Kenya. *Sci Rep* 2017; 7: 41108.
7. Madanitsa M, Kalilani L, Mwapasa V, van Eijk AM, Khairallah C, Ali D, Pace C, Smedley J, Thwai K, Levitt B, Wang D, Kang’ombe A, Faragher B, **Taylor SM**, Meshnick SR, ter Kuile FO. Scheduled intermittent screening with rapid diagnostic tests and treatment with dihydroartemisinin-piperaquine versus intermittent preventive therapy with sulfadoxine-pyrimethamine for malaria in pregnancy in Malawi: An open-label randomized controlled trial. *Plos Med* 2016; 13: e1002124.
8. Liu Y, Mwapasa V, Khairallah C, Thwai K, Kalilani-Phiri L, ter Kuile FO, Meshnick SR, **Taylor SM**. Rapid diagnostic test performance assessed using latent class analysis for the diagnosis of *P. falciparum* placental malaria. *Am J Trop Med Hyg* 2016; 95: 835.
9. Liu Y, Griffin JB, Muehlenbachs A, Rogerson SJ, Bailis AJ, Sharma R, Sullivan DJ, Tshefu AK, Landis SH, Kabongo JM, **Taylor SM**, Meshnick SR. Diagnosis of placental malaria in poorly fixed and processed placental tissue. *Malaria J* 2016; 51: 272.
10. Patel JC, Mwapasa V, Kalilani L, ter Kuile FO, Khairallah C, Thwai KL, Meshnick SR, **Taylor SM**. Absence of association between sickle trait hemoglobin and placental malaria outcomes. *Am J Trop Med Hyg* 2016; 94: 1002.
11. Ngo HT, Gandra N, Fales AM, **Taylor SM**, Vo-Dinh T. Sensitive DNA detection and SNP discrimination using ultrabright SERS nanorattles and magnetic beads for malaria diagnostics. *Biosens Bioelectron* 2016; 81: 8.
12. Doctor SM, Liu Y, Whitesell A, Thwai KL, **Taylor SM**, Janko M, Emch M, Kashamuka M, Muwonga J, Tshefu A, Meshnick SR. Malaria surveillance in the Democratic Republic of the Congo: Comparison of microscopy, PCR, and rapid diagnostic test. *Diagn Microbiol Infect Dis* 2016 85: 16-8.
13. Desai M, Gutman J, **Taylor S**, Wiegand R, Khairallah C, Kayentao K, Ouma P, Coulibaly S, Kalilani L, Mace K, Arinaitwe E, Mathanga D, Doumbo O, Otieno K, Edgar D, Chaluluka E, Kamuliwo M, Ades V, Skarbinski J, Shi YP, Magnussen P, Meshnick S, ter Kuile FO. Impact of sulfadoxine-pyrimethamine resistance on effectiveness of intermittent preventive therapy in pregnancy at clearing peripheral blood *Plasmodium falciparum* parasites and preventing low birth weight: A prospective, multi-country observational study across Africa. *Clin Infect Dis* 2016; 62: 323.
14. Tagbor H, Cairns M, Bojang K, Coulibaly SO, Kayentao K, Williams J, Abubakar I, Akor F, Mohammed K, Bationo R, Dabira E, Soulama A, Djimde M, Guiou E, Awine T, Quaye S, Njie F, Ordi J, Doumbo O, Hodgson A, Oduro A, Meshnick S, **Taylor S**, Magnussen P, ter Kuile F, Woukeu A, Milligan P, Chandramohan D, Greenwood B. A non-inferiority, individually-randomized trial of intermittent screening and treatment versus intermittent preventive treatment in the control of malaria in pregnancy. *Plos One* 2015; 10: e0132247.
15. Juliano JJ, Barnett E, Meshnick SR, Parobek CM, **Taylor SM**, Stone S, Chang E, Fong S, Huang L. Use of oropharyngeal washes to diagnose and genotype *Pneumocystis jirovecii*. *Open Forum Infect Dis* 2015; 2: ofv080.
16. Chandrasiri UP, Fowkes FI, Richards JS, Langer C, Fan Y, **Taylor SM**, Beeson JG, Dewet KG, Maleta K, Ashorn P, Rogerson SJ. The impact of lipid-based nutrient supplementation on anti-malarial antibodies in pregnant women in a randomized controlled trial. *Malaria J* 2015; 14: 193.
17. Lopera-Mesa TM, Doumbia S, Konaté D, Anderson JM, Doumbouya M, Keita AS, Diakité SAS, Traoré K, Krause MA, Diouf A, Moretz SE, Tullo GS, Miura K, Gu W, Fay MP, **Taylor SM**, Long CA, Diakite M, Fairhurst RM. Impact of red blood cell variants on childhood malaria in Mali: a prospective cohort study. *Lancet Haem* 2015; 2: e140.
18. O'Meara WP, Mott J, Laktabai J, Wamburu K, Fields B, Armstrong J, **Taylor SM**, Macintyre C, Sen R, Menya D, Pan W, Nicholson B, Woods CW, Holland T. Etiology of pediatric fever in Western Kenya: A case-control study of falciparum malaria, respiratory viruses, and streptococcal pharyngitis. *Amer J Trop Med Hyg* 2015; 92: 1030.
19. Gutman J, Kalilani L, **Taylor SM**, Zhou Z, Wiegand RE, Thwai KL, Mwandama D, Khairallah C, Madanitsa M, Chaluluka E, Dzinjalamala F, Ali D, Mathanga D, Skarbinski J, Shi YP, Meshnick SR, ter Kuile FO. *Plasmodium falciparum* dihydropteroate synthase-A581G mutation reduces effectiveness of sulfadoxine-pyrimethamine preventive therapy in Malawian pregnant women. *J Infect Dis* 2015; 211: 1997.
20. Carrel M, Patel JC, **Taylor SM**, Janko M, Mwandagalirwa M, Tshefu AK, Escalante A, McCollum A, Alam MT, Udhayakumar V, Meshnick SR, Emch M. The geography of malaria genetics in the Democratic Republic of the Congo: a complex and fragmented landscape. *Soc Sci Med* 2015; 133: 233.
21. **Taylor SM**, Parobek CM, DeConti DK, Kayentao K, Coulibaly SO, Greenwood BM, Tagbor H, Williams J, Bojang K, Njie F, Desai M, Kariuki S, Gutman J, Mathanga DP, Martensson A, Ngasala B, Conrad MD, Rosenthal PJ, Tshefu AK, Moormann AM, Vulule JM, Doumbo OK, ter Kuile FO, Meshnick SR, Bailey JA, Juliano JJ. Absence of putative *Plasmodium falciparum* artemisinin resistance mutations in sub-Saharan Africa: A molecular epidemiologic study. *J Infect Dis* 2015; 211: 680.
22. Clark ME, Goheen MM, Fulford A, Prentice A, Elnagheeb M, Patel JC, Fisher N, **Taylor SM**, Kasthuri R, Cerami C. Host iron status and iron supplementation mediate susceptibility to erythrocytic stage *Plasmodium falciparum. Nat Commun* 2014; 5: 4446.
23. Tan KR, Katalenich BL, Mace KE, Nambozi M, **Taylor SM**, Meshnick SR, Wiegand RE, Chalwe V, Filler SJ, Kamuliwo M, Craig AS. Efficacy of sulphadoxine-pyrimethamine for intermittent preventive treatment of malaria in pregnancy, Mansa, Zambia. *Malaria J* 2014; 13: 227.
24. **Taylor SM**, Antonia AL, Harrington WE, Goheen MM, Mwapasa V, Chaluluka E, Fried M, Kabyemela E, Madanitsa M, Khairallah C, Kalilani-Phiri L, Tshefu AK, Rogerson SJ, ter Kuile FO, Duffy PE, Meshnick SR. Emergence of independent lineages of highly sulfadoxine-resistant *Plasmodium falciparum* haplotypes in east Africa. *Emerg Infect Dis* 2014; 20: 1140.
25. **Taylor SM**, Mayor A, Mombo-Ngoma G, Kenguele H, Ouédraogo S, Tuikue Ndam N, Mkali H, Mwangoka G, Valecha N, Singh J, Clark MA, Verweij JJ, Adegnika AA, Severini C, Menegon M, Macete E, Menendez C, Cisteró P, Njie F, Affara M, Otieno K, Kariuki S, ter Kuile FO, Meshnick SR. A quality control program within a clinical trial consortium for PCR protocols to detect *Plasmodium* species. *J Clin Microbiol* 2014; 52: 2144.
26. Patel JC, **Taylor SM**, Juliao PC, Parobek CM, Janko M, Demetrio Gonzalez L, Ortiz L, Padilla N, Tshefu AK, Emch M, Udhayakumar V, Lindblade K, Meshnick SR. Genetic evidence of drug-resistant malarial strain from the Democratic Republic of the Congo imported to Guatemala. *Emerg Infect Dis* 2014; 20: 932.
27. Parobek CM, Jiang L, Patel JC, Alvarez-Martinez M, Miro J, Worodria W, Andama A, Fong S, Huang L, Meshnick SR, **Taylor SM**, Juliano JJ. A multilocus microsatellite genotyping array to investigate the genetic epidemiology of *Pneumocystis jirovecii*. *J Clin Microbiol* 2014; 52: 1391.
28. **Taylor SM**, Fairhurst RM. Malaria parasites and red cell variants: When a house is not a home. *Curr Opin Hematol* 2014; 21: 193.
29. Coulibaly SO, Kayentao K, **Taylor S**, Guirou EA, Khairallah C, Guindo N, Djimde M, Bationo R, Soulama A, Dabira E, Barry B, Niangaly M, Diakite H, Konate S, Keita N, Traore B, Meshnick SR, Magnussen P, Doumbo OK, ter Kuile FO. Parasite clearance following treatment with sulphadoxine-pyrimethamine for intermittent preventive treatment in Burkina-Faso and Mali: 42-day *in vivo* follow-up study. *Malaria J* 2014; 13: 41.
30. Antonia AL, **Taylor SM**, Janko M, Emch M, Tshefu AK, Meshnick SR. A cross-sectional survey of *Plasmodium falciparum pfcrt* mutant haplotypes in the Democratic Republic of the Congo. *Amer J Trop Med Hyg* 2014; 90: 1094.
31. Messina JP, Mwandagalirwa K, **Taylor SM**, Emch M, Meshnick SR. Spatial and social factors drive anemia in Congolese women. *Health Place* 2013; 24c: 54.
32. **Taylor SM**, Parobek CM, Aragam N, Ngasala BE, Mårtensson A, Meshnick SR, Juliano JJ. Pooled deep sequencing of *Plasmodium falciparum* isolates: an efficient and scalable tool to quantify prevailing malaria drug-resistance genotypes. *J Infect Dis* 2013; 208: 1998.
33. **Taylor SM**, Cerami C, Fairhurst RM. Hemoglobinopathies: Slicing the Gordian knot of *Plasmodium falciparum* Malaria Pathogenesis. *Plos Pathog* 2013; 9: e1003327.
34. Yoon C, Subramanian A, Chi A, Crothers K, Meshnick SR, **Taylor S**, Beard CB, Jarlsberg L, Lawrence G, Avery M, Swartzman A, Fong S, Roth B, Huang L. Dihydropteroate synthase mutations in Pneumocystis pneumonia: Impact of applying different definitions of prophylaxis, mortality endpoints and mutant in a single cohort. *Med Mycol* 2013; 51: 568-75.
35. **Taylor SM**, Antonia AL, Parobek CM, Juliano JJ, Janko M, Emch M, Alam MT, Udhayakumar V, Tshefu AK, Meshnick SR. Plasmodium falciparum sulfadoxine resistance is geographically and genetically clustered within the DR Congo. *Sci Rep* 2013; 3: 1165.
36. Lin JT, Mbewe B, **Taylor SM**, Luntamo M, Meshnick SR, Ashorn P. Increased prevalence of *dhfr* and *dhps* mutants at delivery in Malawian pregnant women receiving intermittent preventive treatment for malaria. *Trop Med Internat Health* 2013; 18: 175-8.
37. **Taylor SM**, Meshnick SR, Worodria W, Andama A, Cattamanchi A, Davis JL, Yoo SD, Byanyima P, Kaswabuli S, Goodman CD, Huang L. Low prevalence of Pneumocystis pneumonia (PCP) but high prevalence of Pneumocystis dihydropteroate synthase (*dhps*) gene mutations in HIV-infected persons in Uganda. *PLoS ONE* 2012; 7: e49991.
38. **Taylor SM**, Parobek CM, Fairhurst RM. Haemoglobinopathies and the clinical epidemiology of malaria: a systematic review and meta-analysis. *Lancet Infect Dis* 2012; 12: 457.
39. **Taylor SM**, Antonia AL, Chaluluka E, Mwapasa V, Feng G, Molyneux ME, ter Kuile FO, Meshnick SR, Rogerson SJ. Antenatal receipt of sulfadoxine-pyrimethamine does not exacerbate pregnancy-associated malaria despite the expansion of drug-resistant *Plasmodium falciparum*: clinical outcomes from the QuEERPAM study. *Clin Infect Dis* 2012; 55: 42.
40. **Taylor SM**, Antonia AL, Feng G, Mwapasa, V, Chaluluka E, Molyneux ME, ter Kuile FO, Rogerson SJ, Meshnick SR. Adaptive evolution and fixation of drug-resistant *Plasmodium falciparum* genotypes in pregnancy-associated malaria: 9-year results from the QuEERPAM study. *Infect Genet Evol* 2012; 12: 282.
41. **Taylor SM**, Meshnick SR, Worodria W, Andama A, Davis JL, Cattamanchi A, den Boon S, Yoo SD, Goodman CD, Huang L. Low prevalence of *Pneumocystis jirovecii* lung colonization in Ugandan HIV-infected patients hospitalized with non-Pneumocystis pneumonia. *Diagn Microbiol Infect Dis* 2012; 72(2): 139.
42. **Taylor SM**, van Eijk AM, Hand CC, Mwandagalirwa K, Messina JP, Tshefu AK, Atua B, Emch M, Muwonga J, Meshnick SR, ter Kuile FO. Quantification of the burden and consequences of pregnancy-associated malaria in the Democratic Republic of the Congo. *J Infect Dis* 2011; 204 (11): 1762.
43. Mumba D, Bohorquez E, Messina J, Kane V, **Taylor SM**, Tshefu AK, Muwonga J, Kashamuka MM, Emch M, Tidwell R, Buscher P, Meshnick SR. Prevalence of Human African Trypanosomiasis in the Democratic Republic of the Congo. *PLoS Negl Trop Dis* 2011; 5(8): e1246.
44. Messina JP, **Taylor SM**, Meshnick SR, Linke AM, Tshefu AK, Atua B, Mwandagalirwa K, Emch M. Population, behavioural and environmental drivers of malaria prevalence in the Democratic Republic of the Congo. *Malaria J* 2011; 10: 161.
45. **Taylor SM**, Messina J, Hand CC, Juliano JJ, Tshefu AK, Muwonga J, Atua B, Emch M, Meshnick SR. Malaria molecular epidemiology: Mapping and burden estimates for the Democratic Republic of the Congo, 2007. *PLos ONE* 2011; 6: e16420.
46. **Taylor SM**, Molyneux ME, Simel DL, Meshnick SR, Juliano JJ. Does this patient have malaria? *JAMA* 2010; 304: 2048.
47. Rantala AM, **Taylor SM**, Trottman PA, Luntamo M, Mbewe B, Maleta K, Kulmala T, Ashorn P, Meshnick SR. Comparison of real-time PCR and microscopy for malaria parasite detection in Malawian pregnant women. *Malaria J* 2010; 9: 269.
48. **Taylor SM**, Wolfe CR, Dixon TC, Ruch DA, Cox GM. Wound botulism complicating the internal fixation of a complex radial fracture. *J Clin Microbiol* 2010; 48: 650.
49. **Taylor SM**, Juliano JJ, Trottman PA, Griffin JB, Landis SH, Kitsa P, Tshefu AK, Meshnick SR. A high-throughput pooling and real-time PCR-based strategy for malaria detection. *J Clin Microbiol* 2010; 48: 512.
50. **Taylor SM**, Lou J, Cox GM. Thanks for the memories. *Amer J Med* 2009; 122: 827.
51. Crawford TC, Smith WT, Velazquez EJ, **Taylor SM**, Jollis JG, Kisslo J. Prognostic usefulness of left ventricular thrombus by echocardiography in dilated cardiomyopathy in predicting stroke, transient ischemic attack, and death. *Am J Cardiol* 2004; 93: 500.

**NON-PEER REVIEWED PUBLICATIONS**

1. **Taylor SM**, ter Kuile FO. Stillbirths: the hidden burden of malaria in pregnancy. *Lancet Glob Health* 2017; 5: e1052. [Commentary]
2. ter Kuile FO, **Taylor SM**. Gilding the lily? Enhancing antenatal malaria prevention in HIV-infected women. *J Infect Dis* 2017; 216: 4. [Editorial]
3. Gutman J, **Taylor S**, Meshnick SR, ter Kuile FO. Reply to Harrington *et al. J Infect Dis* 2015 [in press]
4. **Taylor SM** and Juliano JJ. Artemisinin combination therapies and malaria parasite drug resistance: The game is afoot. *J Infect Dis* 2014; 210: 335. [Editorial]
5. **Taylor SM**, Antonia A, Mwapasa V, Feng G, Molyneux ME, ter Kuile FO, Meshnick SR, Rogerson SJ. Reply to Harrington *et al.* *Clin Infect Dis* 2012; 55: 1026-7. [Letter]
6. **Taylor SM**, Juliano JJ, Meshnick SR. Artemisinin resistance in *Plasmodium falciparum* malaria. *N Engl J Med* 2009; 361: 1807-8. [Letter]
7. Juliano JJ, **Taylor SM**, Meshnick SR. PCR-adjustment in antimalarial trials – Molecular malarkey? *J Infect Dis* 2009; 200: 5. [Editorial]

**BOOK CHAPTERS**

1. Ngo HT, Gandra N, Fales AM, **Taylor SM**, Vo-Dinh V (2016) *Sensitive DNA Detection and SNP Identification using Ultrabright SERS Nanorattles and Magnetic Beads for* in vitro *Diagnostics*. In: T. Vo-Dinh (Ed.), *Nanotechnology in Biology and Medicine*. New York: CRC Press.
2. **Taylor SM,** Meshnick SR (2011). *Pneumocystis*. In: D. Liu (Ed.), *Molecular Detection of Human Fungal Pathogens*. New York: CRC Press.

**PROFESSIONAL CLINICAL EXPERIENCE**

**Durham VA Medical Center,** NC, 2012 –

Staff Physician, Medical Service

**Franklin Regional Medical Center,** Louisburg, NC, 2010 – 2012

Moonlighting physician, Internal Medicine

**Southeastern Regional Medical Center,** Lumberton, NC, 2009

Moonlighting physician, Internal Medicine

**Yale-New Haven Hospital,** New Haven, CT, 2006 – 2007

Moonlighting physician, Internal Medicine

**Batoka Hospital/Livingstone General Hospital,** Livingstone, Zambia, 2006

Volunteer staff physician, Internal Medicine

**RESEARCH EXPERIENCE**

**Department of Epidemiology, Gillings School of Global Public Health, University of North Carolina**, Chapel Hill, Jul 2008 – Jun 2012

Supervisor: Steven Meshnick MD PhD

Projects: Molecular epidemiology of drug-resistant malaria; Pathogenesis of pregnancy-associated malaria; Drug-resistance and colonization with *Pneumocystis jirovecii* pneumonia

**Veterans Aging Cohort Study,** West Haven, CT, Jun 2005 – Dec 2006

Supervisor: Amy Justice MD PhD

Project: Epidemiology of common non-opportunistic infections in HIV-infected patients

**International Emerging Infections Program, Centers for Disease Control,** Nonthaburi, Thailand, Nov – Dec 2003

Supervisors: Scott Dowell MD MPH, Sonja Olsen PhD

Project: Spatial epidemiology of bacterial pneumonia in Sakeo province

**Division of Cardiology, Duke University Medical Center,** Durham, NC,Aug 2002 – Oct 2003

Supervisor: James Jollis MD

Position: Statistical analyst for resident and fellow research projects in echocardiography lab

**Duke Clinical Research Institute,** Durham, NC, Jan 2002 – Dec 2003

Supervisor: Rowena Dolor MD

Project: Effect of patient preference on response to antidepressant therapy

**Center for Nicotine and Smoking Cessation Research, Duke University Medical Center,** Aug 1998 – Jun 1999

Supervisor: Jed Rose MD PhD

Position: Research technician coordinating clinical research and investigating nicotinic receptor physiology

**TEACHING EXPERIENCE**

*Duke University*

1. **GLHLTH777: Infectious Disease Epidemiology in Global Settings,** DGHI (MSc/PhD), 2017 – present

Course leader for online, graduate-level credit course

1. **NURS555: Exploring Global Patterns of Health and Illness**, School of Nursing, 2017

Lecture: “Malaria: Global Health and Disease and Emerging Infections”

1. **Microbiology Infectious Diseases Roadshow**, School of Medicine (MS1), 2014-present

Small group leader: “Normal flora and clinical ID syndromes”, “CNS infections”, “Pelvic inflammatory disease”

1. **HC59.03: Ending Malaria,** Trinity College, 2014

Lecture: “Hemoglobinopathies and malaria”

1. **GLHLTH310/701: Global Health Challenges,** DGHI (MSc), 2012-2016

Lecture: “Malaria: Global update, progress, and priorities”; Invited judge for final group project presentations

1. **Medical Microbiology**, School of Medicine (MS1), 2009 – 2010

Small group leader: “Gram positive cocci”

1. **Infectious Diseases Medical Student Curriculum**, School of Medicine (MS4), 2007 – 2008

Lectures: “Endocarditis”, Meningitis”, “Tick-borne diseases”

*University of North Carolina Gillings School of Global Public Health*

1. **EPID756: “Control of Infectious Diseases in Developing Countries”,** Dept of Epid (MPH/PhD), 2010-2011

Lecture and discussion sections: “Acute Respiratory Infections”

*Other*

1. **WorldMedSchool (**[**www.worldmedschool.org**](http://www.worldmedschool.org)**)**, Online MOOC, 2015

Micro-lecture: “Malaria Pathophysiology”

1. **JAMAevidence Audio** (http://books.mcgraw-hill.com/podcast/jamaevidence/), Podcast, 2015

“Malaria: Interview with Dr Steve M Taylor”

**MENTEES**

*Current:*

1. **Kelsey Sumner**, MSPH/PhD candidate, University of North Carolina, Aug 2017 –
2. **Casey Silver,** MD candidate, University of Rochester (Doris Duke Clinical Research Fellow), Aug 2017 –
3. **Assumpta Nantume**, MSc-GH candidate, Duke University, Sept 2017 –
4. **Joe Saelens PhD**, Post-doctoral fellow, Duke University, Jan 2018 –

*Former:*

1. **Brandt Levitt**, PhD candidate (Molecular Genetics & Microbiology), Duke University, Oct 2015 – May 2017

Primary mentor, Committee chair

Current position: TBD

1. **Daniel Evans**, MSc-GH candidate, Duke University, Oct 2015 – May 2017

Primary mentor, Committee chair

Current position: Practice Associate, UNC

1. **Rifat Rahman,** Undergraduate, Duke University, Aug 2013 – May 2016

Laboratory member, parasite genetics

Current position: Hart Leadership Fellow (2017)

1. **Alejandro L. Antonia,** Undergraduate, University of North Carolina, Aug 2009 – May 2013

Projects:Molecular epidemiology of malaria drug resistance

Current position:MD/PhD student, Duke University School of Medicine, 2013 –

*Committees*:

1. **Sarah Philo**, MSc-GH candidate, Duke University, Sept 2017 –
2. **Kayla Sylvester**, PhD candidate – Molecular Genetics & Microbiology, Duke University, May 2017 –
3. **Jane Fieldhouse**, MSc-GH, Duke University, Dec 2017
4. **Hoan Ngo**, PhD – Biomedical Engineering, Duke University, May 2017
5. **Elizabeth Monahan**, MSc-GH, Duke University, May 2017
6. **Hiba Fatima**, MSc-GH, Duke University, May 2017
7. **Maitreyee Mittal,** MS – Biomedical Engineering, Duke University, Dec 2016
8. **Jaymin Patel**, PhD – Epidemiology, UNC Gillings School of Global Public Health, May 2016
9. **Dominic Lucero**, MSc-GH, Duke University, May 2015

**INVITED TALKS**

1. **Foundation for Innovative New Diagnostics, Expert Meeting,** Malaria screening and treatment during pregnancy. “Impact of subpatent *P. falciparum* infections on delivery outcomes in Malawian women.” November 2017. Host: Xavier Ding (FIND)
2. **Foundation for Innovative New Diagnostics, Expert Meeting,** Surveillance of antimalarial drug resistance using molecular markers. “Pooled deep sequencing.” September 2017. Host: Christian Nsanzabana (FIND)
3. **Eukaryotic Pathogenesis Investigators Colloquium,** Dept of Molecular Genetics and Microbiology, Duke University. “Life’s great balancing act: sickle-trait hemoglobin and malaria parasites.” May 2017
4. **Duke Division of Hematology Grand Rounds.** “Life’s Great Balancing Act: Hemoglobin S in sub-Saharan Africa.” October 2016. Host: Gowthami Arepally (Duke)
5. **13th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases.** Plenary: “When a house is not a home: Innate red cell variants and protection from malaria.” May 2016. Host: Michel Tibayrenc (IRD)
6. **Fitzpatrick Institute for Photonics 2016 Symposium: Frontiers in Photonics.** “Nanophotonic Arrays to Detect Tropical Blood-Borne Pathogens.” March 2016. Host: Tuan Vo-Dinh (Duke)
7. **Duke Department of Medicine Research Seminar.** “When a house is not a home: Erythrocyte variants and malaria parasites.” January 2016. Host: Mary Klotman (Duke)
8. **US-Japan Cooperative Medical Sciences Program International Conference on Emerging Infectious Diseases**. “Nanophotonic Arrays to Detect Tropical Blood-Borne Pathogens.” January 2016. Host: Malla Rao (NIAID)
9. **World Health Organization**, Technical Expert Group on Drug Efficacy and Response. “IPTp-SP efficacy and molecular markers of SP resistance.” December 2015. Host: Pascal Ringwald (WHO)
10. **American Society of Tropical Medicine and Hygiene Annual Meeting, Symposium 95**. “Sub-diagnostic *Plasmodium falciparum* parasitemia: Evaluating the effect on pregnancy outcomes by *P. falciparum* below the diagnostic detection of common clinical tests in pregnancy.” Philadelphia, PA, October 2015 (for Madanitsa).
11. **World Health Organization,** Evidence Review Group on Intermittent Screening and Treatment (ISTp) and Artemisinin-based Combination Therapy (ACT) Treatment of Malaria in Pregnancy. “Epidemiology and clinical impact of sextuple mutations with *dhps*581G among SP users.” July 2015. Host: Andrea Bosman (WHO)
12. **Malaria in Pregnancy Consortium**, Annual Meeting 2015, Sitges Spain. “Epidemiology of subpatent *P. falciparum* infections in MA06: ISTp-Malawi.” June 2015. Host: Feiko ter Kuile (LSTM)
13. **American Society of Tropical Medicine and Hygiene Annual Meeting, Symposium 10**. “Deep sequencing for rapid molecular surveillance of parasite populations.” New Orleans, LA, November 2014.
14. **Research Triangle High School Malaria Symposium**, Durham, NC. “Malaria and red blood cell disorders.” April 2014. Host: Sarah Reid
15. **Malaria in Pregnancy Consortium**, Annual Meeting 2013, Durban South Africa. “Emergence of independent lineages of highly sulfadoxine-resistant *Plasmodium falciparum* haplotypes in east Africa.” October 2013. Host: Feiko ter Kuile (LSTM)
16. **World Health Organization**, Evidence Review Group on Intermittent Preventive Treatment in Pregnancy (IPTp) with Sulfadoxine-Pyrimethamine (SP). “Protocols to monitor the impact of SP resistance on IPTp-SP effectiveness” July 2013. Host: Andrea Bosman (WHO)
17. **Duke Global Health Institute.** “Hemoglobin disorders: Slicing the Gordian knot of falciparum malaria.” January 2013. Host: Chris Woods (Duke)
18. **United States Military Malaria Vaccine Program**. “Clinical and molecular epidemiology of malaria.” March 2012. Host: CAPT Thomas Richie (US Navy)
19. **National Institute of Allergy and Infectious Diseases.** “Clinical and molecular epidemiology of malaria.” October 2011. Host: Kathy Zoon (NIAID)
20. **Tulane University School of Public Health and Tropical Medicine**. “Clinical and molecular epidemiology of malaria.” July 2011. Host: Nirbhay Kumar (Tulane)

**SELECTED ORAL ABSTRACTS**

1. Levitt B, Madanitsa M, ter Kuile FO, Thwai K, Mwapasa V, Kalilani-Phiri L, Meshnick SR, **Taylor SM**. Comparative impacts of antenatal malaria prevention strategies on *P. falciparum* SP-resistance alleles in Malawi. American Society of Tropical Medicine and Hygiene Annual Meeting 2016, Atlanta, GA.
2. Lopera-Mesa TM, Doumbia S, Konaté D, Anderson JM, Doumbouya M, Keita AS, Diakité SAS, Traoré K, Krause MA, Diouf A, Moretz SE, Tullo GS, Miura K, Gu W, Fay MP, **Taylor SM**, Long CA, Diakite M, Fairhurst RM. A four-year prospective study of the impact of red blood cell variants on childhood falciparum malaria in Southern Mali. American Society of Tropical Medicine and Hygiene Annual Meeting 2015, Philadelphia, PA.
3. **Taylor SM**, Antonia AL, Kalilani L, Khairallah C, Madanitsa M, Chaluluka E, Rogerson SJ, ter Kuile FO, Meshnick SR. [Genetic lineages of emerging sulfadoxine-resistant *P. falciparum* in pregnancy-associated malaria in Malawi](http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=4439bfc5-d951-4931-a335-6439459735b6&cKey=82b3501b-af76-4515-8d16-fab190fb19a5&mKey=%7bCEAFE81A-9B33-4623-A1BB-85D31108B94B%7d). American Society of Tropical Medicine and Hygiene Annual Meeting 2013, Washington, DC.
4. Gutman J, Kalilani L, **Taylor SM**, Zhou Z, Wiegand R, Thwai KL, Mwandama D, Khairallah C, Madanitsa Mwayi, Chaluluka E, Dzinjalamala F, Ali D, Mathanga D, Skarbinski J, Shi Y-P, Meshnick SR, ter Kuile FO. Dihydropteroate synthase 581 mutation is associated with increased parasite densities at delivery in women who receive intermittent preventive treatment with sulfadoxine-pyrimethamine in an area with high drug resistance in Malawi. Multilateral Initiative on Malaria Conference 2013, Durban, South Africa.
5. **Taylor SM**, Antonia A, Feng G, ter Kuile FO, Meshnick SR, Rogerson SJ. Longitudinal molecular epidemiology of pregnancy-associated malaria in Blantyre, Malawi. American Society of Tropical Medicine and Hygiene Annual Meeting 2011, Philadelphia, PA.
6. **Taylor SM**, Molyneux ME, Meshnick SR, Juliano JJ. Does this patient have malaria? A meta-analysis of the diagnostic utility of clinical factors for endemic and imported malaria. American Society of Tropical Medicine and Hygiene Annual Meeting 2010, Atlanta, GA.
7. **Taylor SM,** Juliano JJ, Trottman PA, Thompson TA, Griffin JB, Landis SH, Kitsa P, Tshefu AK, Meshnick SR. A high-throughput pooling and testing strategy for PCR detection and speciation of malaria during pregnancy in Kinshasa. American Society of Tropical Medicine and Hygiene Annual Meeting 2009, Washington, DC.
8. **Taylor SM**, Juliano JJ, Muwonga J, Okenge A, Tshefu AK, Messina J, Way AA, Ayad M, Emch M, Meshnick SR. Prevalence of PCR-detectable *Plasmodium* parasitemia in participants in the Democratic Republic of the Congo, 2007 Demographic Health Survey. American Society of Tropical Medicine and Hygiene Annual Meeting 2009, Washington, DC.

**SELECTED POSTERS**

1. Levitt B, O’Meara WP, Langdon S, **Taylor SM**. Multiplex barcoded next-generation sequencing of multiclonal *Plasmodium falciparum* genotypes. American Society of Tropical Medicine and Hygiene Annual Meeting 2016, Atlanta, GA.
2. Patel JC, Diakite M, Lesko CR, Lopera-Mesa TM, **Taylor SM**, Fairhurst RM. Impact of all-cause anemia on the risk of falciparum malaria in Malian children. American Society of Tropical Medicine and Hygiene Annual Meeting 2016, Atlanta, GA.
3. Miller RH, Hathaway NJ, Kharabora O, Mwandagalirwa K, Tshefu A, Meshnick SR, **Taylor SM**, Bailey JA, Juliano JJ, Stewart VA. A Deep Sequencing Approach to Estimate Malaria Complexity of Infection in the Democratic Republic of Congo. American Society of Tropical Medicine and Hygiene Annual Meeting 2015, Philadelphia, PA.
4. Patel JC, Mwapasa V, Kalilani L, ter Kuile FO, Khairallah C, Thwai KL, Meshnick SR, **Taylor SM**. Absence of effect of heterozygous hemoglobin S on the prevalence of placental malaria and low birth weight. American Society of Tropical Medicine and Hygiene Annual Meeting 2015, Philadelphia, PA.
5. Patel JC, **Taylor SM**, Parobek CM, Hathaway NJ, Thwai KL, Madanitsa M, Mwapasa V, Ndam NT, ter Kuile FO, Bailey JA, Juliano JJ, Meshnick SR. Use of long-read deep-sequencing to characterize genetic diversity and pathogenic variants of *var2csa* in women with placental malaria. American Society of Tropical Medicine and Hygiene Annual Meeting 2015, Philadelphia, PA.
6. Patel JC, **Taylor SM**, Parobek CM, Madanitsa M, Mwapasa V, ter Kuile FO, Juliano JJ, Meshnick SR. Genetic investigation of VAR2CSA variants associated with low birth weight in women with placental malaria in Malawi. American Society of Tropical Medicine and Hygiene Annual Meeting 2014, New Orleans, LA.
7. Goheen MM, **Taylor SM**, Shah N, Clark MA, Cerami C. Effects of heterozygous sickle hemoglobin on P. falciparum erythrocytic growth indices in vitro. American Society of Tropical Medicine and Hygiene Annual Meeting 2014, New Orleans, LA.
8. **Taylor SM**, Parobek CM, Aragam N, Ngasala BE, Martensson A, Meshnick SR, Juliano JJ. Pooled deep sequencing of *Plasmodium falciparum* parasitemias: an efficient and scalable tool to quantify prevailing malaria drug-resistance genotypes. American Society of Tropical Medicine and Hygiene Annual Meeting 2013, Washington, DC.
9. Antonia AL, **Taylor SM**, Tshefu AK, Janko M, Emch M, Meshnick SR. Molecular epidemiology of *pfcrt* mutant haplotypes in the Democratic Republic of the Congo.American Society of Tropical Medicine and Hygiene Annual Meeting 2013, Washington, DC.
10. Tan KR, Katalenich BL, Mace KE, Nambozi M, **Taylor SM**, Meshnick SR, Wiegand RE, Chalwe V, Filler SJ, Kamuliwo M, Craig AS.[*In vivo* efficacy and molecular resistance markers of sulfadoxine-pyrimethamine for intermittent preventive treatment of malaria in pregnancy ─ Mansa, Zambia, 2010](http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=9ad599c5-4e95-4590-9867-895b715dea84&cKey=f1954317-c03f-412b-a139-abd246508eb0&mKey=%7bCEAFE81A-9B33-4623-A1BB-85D31108B94B%7d). American Society of Tropical Medicine and Hygiene Annual Meeting 2013, Washington, DC.
11. Parobek CM, Jiang L, Huang L, Alvarez-Martinez MJ, Miro JM, Meshnick SR, **Taylor SM**, Juliano JJ. Global Population Structure and Genetic Evidence of Selection of Sulfa Resistance in *Pneumocystis jirovecii*. American Society of Tropical Medicine and Hygiene Annual Meeting 2013, Washington, DC.
12. **Taylor SM**, Parobek CM, Aragam N, Ngasala BE, Martensson A, Meshnick SR, Juliano JJ. Pooled deep sequencing of *Plasmodium falciparum* parasitemias: an efficient and scalable tool to quantify prevailing malaria drug-resistance genotypes. Multilateral Initiative on Malaria 2013, Durban, S Africa.
13. Patel JC, Alam MT, Juliao P, Lindblade KA, Padilla N, Gonzalez D, Messina JP, Emch M, **Taylor SM**, Poe AC, Udhayakumar V, Tshefu AK, Meshnick SR. Landscape genetics of falciparum malaria in geographically dispersed Congolese sites and in UN peacekeeping soldiers returning to Guatemala. American Society of Tropical Medicine and Hygiene Annual Meeting 2012, Atlanta, GA.
14. **Taylor SM**, Antonia A, Feng G, ter Kuile FO, Meshnick SR, Rogerson SJ. Longitudinal molecular epidemiology of pregnancy-associated malaria in Blantyre, Malawi. American Society of Tropical Medicine and Hygiene Annual Meeting 2011, Philadelphia, PA.
15. **Taylor SM**, Juliano JJ, Aragam NR, ter Kuile FO, Kalilani-Phiri L, Meshnick SR. Genomic diversity of *var2csa* Duffy-binding-like domains in pregnancy-associated malaria explored with massively-parallel pyrosequencing. American Society of Tropical Medicine and Hygiene Annual Meeting 2011, Philadelphia, PA.
16. **Taylor SM,** Meshnick SR, Worodria W, Andama A, Davis JL, Cattamanchi A, den Boon S, Yoo S, Huang L. *Pneumocystis jirovecii* in sub-Saharan Africa: Low prevalence of lung colonization in Ugandan AIDS patients with non-Pneumocystis pneumonia. American Society of Tropical Medicine and Hygiene Annual Meeting 2010, Atlanta, GA.
17. **Taylor SM**, Messina J, Hand CC, Mwandagalirwa K, Tshefu AK, Matindii A, Muwonga J, Emch M, Meshnick SR. Quantifying the burden of pregnancy-associated malaria in the Democratic Republic of the Congo. American Society of Tropical Medicine and Hygiene Annual Meeting 2010, Atlanta, GA.
18. Messina J, Emch M, **Taylor SM**, Mwandagalirwa K, Muwonga J, Matindii A, Tshefu AK, Meshnick SR. Population, behavioral, and environmental drivers of malaria parasitemia in the Democratic Republic of the Congo. American Society of Tropical Medicine and Hygiene Annual Meeting 2010, Atlanta, GA.
19. Griffin JB, **Taylor SM**, Muehlenbachs A, Woodward K, Sullivan D, Tshefu AK, Landis SH, Rogerson SJ, Meshnick SR. Comparison of methods for the evaluation of diagnostic tests for maternal malaria. American Society of Tropical Medicine and Hygiene Annual Meeting 2010, Atlanta, GA.
20. Hand CC, **Taylor SM**, Mwandagalirwa K, Muwonga J, Okenge A, Matindii A, Tshefu AK, Meshnick SR. Anemia and malaria in the Democratic Republic of the Congo. American Society of Tropical Medicine and Hygiene Annual Meeting 2010, Atlanta, GA.
21. Kalilani L, Chaluluka E, Kalanda G, Kayentao K, **Taylor SM**, Meshnick SR, ter Kuile FO. Intermittent preventive therapy in pregnancy with sulphadoxine-pyrimethamine: 42 day *in-vivo* follow-up study among asymptomatic parasitemic pregnant women in an area with high SP resistance in southern Malawi. American Society of Tropical Medicine and Hygiene Annual Meeting 2010, Atlanta, GA.
22. Huang L, **Taylor SM**, Worodria W, Jarlsberg L, Davis JL, Cattamanchi A, Yoo SD, Andama A, den Boon S, Kyeyune R, Meshnick SR. Low prevalence of *Pneumocystis* pneumonia but high prevalence of *Pneumocystis* dihyroopteroate synthase gene mutations in HIV-infected persons in Uganda. American Thoracic Society Annual Meeting 2010, New Orleans, LA.
23. Rantala A-M, **Taylor SM**, Trottman PA, Luntamo M, Mbewe B, Maleta K, Kulmala T, Ashorn P, Meshnick SR. Comparison of real-time PCR and microscopy for diagnosis of malaria in Malawian pregnant women. American Society of Tropical Medicine and Hygiene Annual Meeting 2009, Washington, DC.
24. **Taylor SM**, Fultz SL, Butt AA, Gilbert C, Rimland D, Rodriguez-Barradas M, Justice AC. Incidence of common non-opportunistic infections in HIV-infected patients. IDSA Connecticut chapter annual meeting, 2007, Waterbury, CT.
25. **Taylor SM**, Dolor R, Olsen MK, Liu D, Williams JW Jr. Antidepressant therapy in primary care: Does patient preference affect response? Society of General Internal Medicine Annual Meeting 2003, Vancouver, BC.

**RESEARCH SUPPORT**

*Ongoing*

**R01 HL134211** (PI: Taylor) 9/1/2016 – 8/31/2021

Malaria chemoprevention in children with sickle cell anemia in Western Kenya

Role: PI

**R21AI125988** (PI: Taylor) 2/21/2017 – 1/31/2019

Impact of sickle-trait on transcriptional regulation in *P. falciparum* parasites

Role: PI

**R21AI126024** (PI: Prudhomme-O’Meara) 2/15/2017 – 1/31/2019

Spatial scales of *Plasmodium falciparum* generations; Implications for elimination

Role: Co-I

**DGHI Priority Partnership Location Pilot Award** (PI: Laktabai & Taylor) 6/2/2017 – 5/30/2018

Estimating the incidence of antenatal syphilis in Webuye, Kenya in order to enhance prevention of congenital syphilis

Role: Co-PI

**R01 AI123050** (PI: Macete) 5/1/2016 – 4/30/2021

Pregnant women as a sentinel group for malaria surveillance in an era of changing malaria transmission (MipMon)

Role: Collaborator/Sub-contractor

*Pending*

None

*Completed*

**R21/R33 AI120981** (PIs: Taylor & Vo-Dinh) 12/1/2015-11/30/2020

Bloodborne tropical pathogen detection using multiplex nanophotonic arrays

Role: co-PI

**K08 AI100924** (PI: Taylor) 7/1/2012-8/30/2017

Molecular pathogenesis and genetic diversification of childhood falciparum malaria

Role: PI

**Information Initiative at Duke** **Research Incubator** (PI: Engelhardt) 8/15/2013-6/30/2014

Functional genomics of *P. falciparum* malaria parasites

Role: co-PI

**Duke Global Health Institute Travel Grant** 4/5/2013-4/4/2014

Competitive travel award to foster new collaborations in global health

Role: PI

**UNC TraCS Institute #10KR40923** (PI: Taylor) 10/1/2009-12/30/2010

Evolution and diversity of *var* genes in pregnancy-associated malaria

Role: PI

**Malaria in Pregnancy Consortium** (PI: ter Kuile) 7/1/2008-6/30/2012

A Gates Foundation-funded consortium of clinical trials focused on pregnancy-associated malaria.

Role: Collaborator