

**UNIVERSITY OF ALABAMA AT BIRMINGHAM
SCHOOL OF PUBLIC HEALTH
FACULTY CURRICULUM VITAE**

DATE: October 30, 2019

PERSONAL INFORMATION

Name: Craig M. Wilson, MD

Citizenship: United States

Foreign Language(s): Samoan

RANK/TITLE Emeritus Professor

Department: School of Public Health, Department of Epidemiology
Business Address: 523C Ryals Public Health Building, 1665 University Boulevard
Birmingham, AL 35294-0022

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HOSPITAL AND OTHER NON-ACADEMIC APPOINTMENTS:

Director, UAB Sparkman Center for Global Health	2007 – 2018
Director, UAB SOPH Global Health Studies Programs	2007 – 2018
Active Medical Staff, The Children's Hospital (UAB)	1991 – 2014
Active Medical Staff, University Hospital (UAB)	1991 – 2012
Medical Director of Infection Control, Children's Hospital of AL	1992 - 1998

EDUCATION:

University of Wisconsin, Madison	B.S.	1974
University of Wisconsin School of Medicine	M.D.	1982

POSTDOCTORAL TRAINING

1982 - 1985	Resident in Pediatrics, Stanford University, Stanford, California
1985 - 1986	Chief Resident in Pediatrics, Stanford University, Stanford, California
1986 - 1988	Clinical Fellow in Infectious Diseases, Boston Children's Hospital, Massachusetts
1987 - 1990	Research Fellow, Department of Tropical Health, Harvard School of Public Health
1990 - 1991	Research Assistant, Department of Tropical Health, Harvard School of Public Health

MILITARY/GOVERNMENTAL SERVICE:

1974 - 1977	Peace Corps Volunteer, Research Assistant, Filariasis Control Program, Western Samoa
1977 - 1978	Peace Corps, Program Administrator, Western Samoa

LICENSURE:

1983 - 1987	Physician, State of California Board of Medical Licensure (G51192)
1986 - 1992	Physician, Commonwealth of Massachusetts Board of Registration in Medicine (57510)
1991 - present	Physician, State of Alabama Medical Licensure Commission (15978)

BOARD CERTIFICATION:

1983	Diplomate of the National Board of Medical Examiners (271126)
1988	Diplomate of the American Board of Pediatrics (37746)
1995	Diplomate of the American Board of Pediatric Infectious Diseases (204910)

ACADEMIC APPOINTMENTS:

2018 -	Professor Emeritus, Department of Epidemiology, School of Public Health
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2016 – 2018	Interim Chair, School of Public Health: Department of Environmental Health Sciences
2007 - 2018	Professor, School of Public Health: Department of Epidemiology; UAB School of Medicine: Division of Infectious Diseases in Department of Pediatrics and Department of Microbiology
2004 - 2006	Acting Director, Division of Geographic Medicine, Department of Medicine
2003 - 2007	Professor, UAB School of Medicine: Division of Infectious Diseases in Department of Pediatrics; Department of Medicine, Division of Geographic Medicine; Department of Microbiology; School of Public Health: Department of Epidemiology.
1991 – 2018	Senior Scientist (2003-); Associate Scientist and member of Executive Committee (2002-2007); Director, International Core (2003-2007), Center for AIDS Research, UAB
2001 - 2007	Associate Scientist, Center for the Advancement of Youth Health
1999 - 2003	Associate Professor, School of Medicine: Division of Infectious Diseases in Department of Pediatrics, Division of Geographic Medicine in Department of Medicine and Microbiology; School of Public Health: Department of Epidemiology and International Health, UAB
1991 - 1999	Assistant Professor, School of Medicine: Division of Infectious Diseases in Department of Pediatrics, Division of Geographic Medicine in Department of Medicine and Microbiology; School of Public Health: Department of Epidemiology and International Health (1998), UAB
1990 - 1991	Research Assistant, Department of Tropical Health, Harvard School of Public Health, Harvard University
1989 - 1991	Assistant in Pediatrics, Boston Children's Hospital, Harvard University
1989 - 1991	Instructor in Medicine, Harvard Medical School, Harvard University
1987 - 1990	Research Fellow, Department of Tropical Health, Harvard School of Public Health, Harvard University

AWARDS/HONORS:

1982 - 1983	Outstanding Intern of the Year Award, Department of Pediatrics, Stanford University
1988 - 1993	Physician Scientist Award, NIH
1991	Harvard Medical School Nomination for Burroughs Wellcome New Investigator Award in Molecular Parasitology
1992	UAB Campus Nomination for Pew Scholar Award
1993 - 1996	UAB Department of Pediatrics Child Health Research Center Scholar
2017	Outstanding Faculty Public Health Service Award, UAB School of Public Health
2018	Distinguished Faculty Investigator Award, UAB School of Public Health

PROFESSIONAL SOCIETIES:

1988 - present	Member, American Society of Tropical Medicine and Hygiene
1992 - present	Fellow, Pediatric Infectious Disease Society
1992 - 2001	Member, Southern Society for Pediatric Research
1994 - 1999	Member, Society for Healthcare Epidemiology of American
1995 - 1999	Member, Association of Professionals in Infection Control
2004 - present	Member, International AIDS Society
2018 – present	Middleton Fellow, Middleton Society of the University of Wisconsin School of Medicine and Public Health

EXTERNAL COUNCILS AND COMMITTEES:

1989	Invited Participant, Ribavirin Therapy for Respiratory Syncytial Virus Infections: A Scientific Workshop, Memorial Medical Center of Long Beach, University of California, Irvine, CA, September 26-27, 1989. Summarized in <i>Ped Inf Dis J</i> 9 :S1-124, 1990.
1990	Invited Participant, Workshop on Surveillance for Congenital Cytomegalovirus Disease, CDC, Atlanta, GA, January 22-23, 1990. Summarized in <i>Rev Inf Dis</i> 13 : 315-329, 1991.
1993	Ad Hoc Reviewer, NIAID, Small Business Innovation Research (SBIR) Review Committee for Therapeutics, June 1993.
1996	Invited Participant, Workshop on <i>Pneumocystis carinii</i> Epidemiology and Surveillance,

CDC, Atlanta, GA, June 18, 1996.

1996 Guidelines Committee for Association of Professionals in Infection Control

1996 Working Group on Antiretroviral Therapy and Medical Management of HIV-Infected Children

1997 Ad Hoc Reviewer, NICHD, applications for Clinical Science Group of REACH Project of AMHARN, January 1997

1995 - 2001 Adolescent Medicine HIV/AIDS Research Network, Steering and Executive Committee Vice-Chair, Clinical Research Director

1998 Invited participant, Workshop entitled "Considerations for Perinatal Intervention Research in Developing Countries: Public Health, Science and Ethics", Rollins School of Public Health of Emory University, Atlanta, GA, June 9-10, 1998

1999 Subcommittee Chair, Adolescent Session, Working Group to Review the NIH Perinatal, Pediatric and Adolescent HIV Research Priorities for the Office of AIDS Research, Falls Church, VA, June 10-11, 1999

2000 Invited participant, DAIDS/NIAD Workshop entitled "When to Start Antiretroviral Therapy", Bethesda, MD, September 22, 2000

2001 Invited participant, workshop entitled "HIV Prevention Vaccine in Ethnic and Racial Minority Adolescents Consultation Meeting", Crystal City, Washington, DC, January 10-11, 2001

2001 - 2004 Pediatric AIDS Clinical Trials Group, Executive Committee Member

2001 - 2004 Pediatric AIDS Clinical Trials Group, Adolescent Research Area Committee Member

2001 - 2018 Adolescent Medicine Trials Network for HIV/AIDS Interventions, Inaugural Chair, Executive Committee (2001-2016) and Chair/Principal Investigator of Adolescent Medicine Leadership Group and ATN Coordinating Center

2002 Ad Hoc Reviewer, NICHD, applications for Pediatric and Maternal HIV Clinical Trials Network, March 5-6, 2002

2002 Invited participant, WHO/TDR/IVR Meeting on the "Ethics of Performing Vaccine Trials in Pediatric Populations in High Disease Burden Developing Countries", Accra, Ghana, November 26-28, 2002

2002 - 2011 HIV Vaccine Trials Network, Adolescent Working Group Member

2006 - 2016 Office of AIDS Research (OAR) and NIH Division of AIDS (DAIDS), HIV/AIDS Clinical Trials Network Leadership Operations Group (NLOG) (2006-2012) and Strategic Working Group invitee

2007 Invited participant, Global Campaign for Microbicides and University of Kwazulu-Natal sponsored "Consultation on ethical-legal concerns in HIV vaccine and microbicide trials", Durban, South Africa, 5-6 September, 2007

2009 Invited participant, NIH Advisory Committee for Participation of Adolescents in HIV Prevention Trials, June 17-19, 2009, Washington, DC

2011 - 2016 NIH Office of AIDS Research Advisory Council, appointed member

2012 - 2014 MPH Programme, External Examiner, University of West Indies - St Augustine, Trinidad and Tobago

2012 - 2018 Member, NIH Division of AIDS Youth Prevention Research Working Group (Inaugural Co-Chair, 2012-2013)

2015 Invited participant, UNICEF sponsored Consultation on Clinical, Ethical and Operational Considerations for the Implementation of Oral Pre-Exposure Prophylaxis (PrEP) in Sexually Active Older Adolescents (15-19) at High Risk of HIV Infection. Vancouver, Canada July 2015.

2015- 2018 Member of MPH Programme Advisory Committee, University of West Indies - St Augustine, Faculty of Medical Sciences, Trinidad and Tobago

UNIVERSITY ACTIVITIES:

1994-1995 Faculty Search Committee for Department of International Health, School of Public Health

2005 - 2007 UAB Framework Program for Global Health, Executive Committee

2006 Search Committee for Director of Division of Infectious Diseases, Department of Medicine

2007 - 2018 Department of Pediatrics Child Health Research Center Advisory Committee

2007 - present UAB School of Nursing World Health Organization Collaborating Center for International Nursing Advisory Board

2003 - 2018 Board of Directors, Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc

2009 - 2010 Department of Epidemiology, Strategic Plan Implementation Committee
 2011 - 2017 Member, BS in Public Health Steering Committee (2011-2012); Undergraduate Public Health Oversight Committee (UPOC) (2013-present)
 2012 - 2018 Co-Chair, UAB campus-wide Global Citizenship Steering Committee
 2012 - 2018 Member, UAB Fulbright Scholarship Committee
 2014 Chair, Promotion and Tenure Committee, Department of Epidemiology
 2014 - 2016 Dean's appointment to the School of Public Health Faculty Affairs Committee, Chair (August 2014- October 2016)
 2015 - 2018 Search Committee for Chair Department of Epidemiology, UAB School of Public Health
 2016 Search Committee for Faculty, Department of Environmental Health Sciences, UAB School of Public Health
 2017 Chair, Promotion and Tenure Committee, Department of Epidemiology

Hospital Activities:

1992 - 1998 Chairman, Infection Control Committee, The Children's Hospital of Alabama
 1994 - 1998 Chairman, Tuberculosis Control Plan Committee, The Children's Hospital of Alabama
 1995 Chairman, Hospital Visitation Policy Committee, The Children's Hospital of Alabama

MAJOR RESEARCH INTERESTS:

Initially at UAB my research interests focused on molecular epidemiology of drug resistance in malaria and in malaria and protozoan parasite intermediary metabolism with the intent of identifying therapeutic drug targets. In the late 1990s I added the focus of clinical based research in HIV-infected or at-risk youth in the US. This continues to be a significant focus with protocol activity and research on primary prevention (community-based, behavioral and biomedical), management and treatment of HIV infected youth, metabolic complications of HIV and antiretroviral therapy, and also on secondary prevention and risk reduction. I reengaged international programs in 1998 focused on expanded access to HIV medications, care and management and prevention of HIV in resource poor settings as well as education and development of the health care workforce. These activities have been predominantly focused in Zambia but activities have expanded into Ethiopia and the Caribbean.

TEACHING EXPERIENCE:

Doctoral Students Committee Chair

Susan LeBlanc, PhD Microbiology, graduated December 1995
 Leonardo Basco, PhD Pharmacology, University of Paris, graduated June 1996
 Chi-Wu Chiang, PhD Biology, graduated March 1998
 Irene M. Tami, DrPH International Health, graduated September 2010
 Tara Davis, PhD Epidemiology, withdrew August 2013
 Laura Gast, DrPH International Health, graduated May 2014
 Shamima Akter, DrPH International Health, graduated MSPH December 2016

Doctoral Students Dissertation Committees

Andrea Smith, PhD Biochemistry (graduated October 1996)
 Anina Murphy, PhD Microbiology (graduated December 1998)
 Taesung Oh, PhD Pharmacology, (graduated August 1998)
 Elise Keddie, PhD Microbiology (graduated August 1997)
 Chantelle Bennetto, PhD Pharmacology, (graduated December 2007)
 Matthew Jones, PhD Geographic Medicine (graduated 2009)
 Aleksandr Lazaryan, PhD Epidemiology (graduated July 2008)
 Ron Cantrell, PhD Epidemiology (graduated July 2008)
 Ana Lucia Oliveira, DrPH International Health (graduated February 2010)
 Faisal Shuaib, DrPH International Health (graduated January 2010)
 Dzigbodi Doke, PhD Environmental Health, (graduated May 2014)
 Cosmas Zyambo, PhD Health Behavior, (graduated August 2018)
 Anna Helova, PhD Health Care Organization and Policy, active

MPH Advisees

Karon Lewis, MPH-IHGS, Epidemiology, graduated Fall 2010
 Carol Coombs, MPH-IHGS, Epidemiology, graduated Spring 2011
 Alonso Heudebert, MPH-IHGS, Epidemiology, graduated Fall 2011
 Angela Montesanti, MPH-IHGS, Epidemiology, graduated Spring 2011

Travis Porter, MPH-EPID, graduated Summer 2013
Tara Wood, MPH-EPID, graduated Spring 2013
William Johnson, MPH-EPID, graduated Spring 2014
Behdash Saeidi, MPH-EPID, graduated Spring 2014
Neal Khosia, MPH-EPID, graduated Spring 2014
Nataliya Ivankova, MSPH-EPI, graduated Fall 2014
Harsh Shah, MPH-EPID, graduated Spring 2015
Isaiah Langat, MPH-EPID, graduated Summer 2015
Matthew Whipple, MPH-EPID, graduated Spring 2016
Jessica Kate Barton, MPH-EPID, graduated Summer 2016
Sophia Hel Theodos, MPH-EPID, graduated Summer 2016
William Dyer, MPH-EPID, graduated Fall 2017
Matthew Kenny, MPH-EPID, graduated Fall 2017
Brendan Grondines, MPH-EPID, active
Katie Anne Schlotman, MPH-EPID Fast Track, graduated Fall 2018
Swapnil Sharma, MPH-EPID, graduated Spring 2019
Amrita Mukherjee, MPH-EPID, active
Abigail Sterns, MPH-EPID, active
Meka Bradshaw, MPH-EPID, graduated Spring 2019

Courses Taught at University of Alabama at Birmingham (since 2008):

Infectious Disease Control and Surveillance-Jamaica (EPI 604)

2008 - 2009, 2013 - 2014: Course Master

Global Health (GHS 617 and GHS 618)

2009 - 2012 Course Master

Fundamentals of Global Health (GHS 600)

2012 - 2016: Course Master

Infectious Diseases of Global Health Significance (GHS 604)

2010 - 2018: Course Master

Communicable Diseases (GHS 401/PUH 332/434)

2015 - 2018: Course Master

AIDS/HIV and STD's (EPI 621/721)

2007 - 2019 1 hour, HPV epidemiology and screening

2007 - 2012 1 hour, HIV treatment program implementation

2010 - 2019 1 hour, Biomedical HIV Prevention

Adolescent Health (HB 660)

2013 - 2016 1 hour, HIV in Youth

Introduction to Health Behavior (HB 600)

2013 - 2018 1 hour, Behavioral Impacts on Global Health Outcomes

Programs at University of Alabama at Birmingham:

2007 - 2018 Director, UAB SOPH Global Studies Programs: 2007-2009 International Health and Global Studies MPH program; 2009 - present, UAB Global Health Certificate Program

2009 - 2015 Director, DrPH International Health, Dept of Epidemiology, UAB SOPH

EDITORIAL BOARD MEMBERSHIPS:

Editorial Board: Clinical and Diagnostic Laboratory Immunology, 2002 - 2004

Journal of the American Society of Tropical Medicine and Hygiene

Journal of Pediatric Infectious Diseases

Reviewer for: Science, AIDS, Journal of the American Society of Tropical Medicine and Hygiene, Journal of Pediatric Infectious Diseases, AIDS Research and Human Retroviruses, Annals of Internal Medicine,

American Journal of Medicine, Molecular and Cellular Probes, Molecular and Biochemical Parasitology, Journal of Infectious Diseases, Journal of Biological Chemistry, Experimental Parasitology, and AIDS and Behavior.

GRANT SUPPORT

Past:

1. NIH-NIAID, F23 AI07001, "Drug Resistant Malaria: Molecular and Genetic Studies," 04/01/88 - 08/31/88 (terminated in lieu of K11 award)
2. NIH-NIAID, K11 AI00892, "Drug Resistant Malaria: Molecular and Genetic Studies," 09/01/88 - 08/31/93
3. The Research Institute of The Children's Hospital of Alabama, "Isolation and Characterization of the Topoisomerase II Gene of *P. falciparum*," 01/01/93 - 12/31/94
4. NIH-NIAID, PO1 AI28780, Project 4, "Molecular Biology of *P. falciparum* Organelles", 10/01/92 - 03/31/95
5. UAB Center for AIDS Research Developmental Funds, "Purine Salvage as Drug Targets in Toxoplasma," Craig Wilson, Principal Investigator, 03/01/95 - 02/28/96, \$20,000
6. NIH-NICHD, P30 HD28831, Craig Wilson, Principal Investigator, "Pyrimidine Biosynthesis and Mitochondrial Function in Malaria" (Junior Faculty Award), 09/30/93 - 08/31/96, \$60,000
7. NIH, "University of Alabama-Zambia HIVNET protocol development proposal", Susan Allen, Principal Investigator (CMW, Co-Investigator, 10% contractual), 11/1/97-10/31/98
8. Department of Defense, "Crystallization, X-ray Structure Determination and Structure-Based Drug Design for Targeted Malarial Enzymes", Lawrence DeLucas, Principal Investigator, (CMW, Consultant, 5% contractual), 05/22/95 - 05/21/99, \$704,755
9. NIH, "University of Alabama-Zambia HIVNET protocol development proposal", Susan Allen, Principal Investigator (CMW, Co-Investigator, 5%), 11/1/98 - 10/31/99
10. FHI/IMC/HIVNET 025, "Phase IIA Escalating Dose Study of a Topical Microbicide, Chlorhexidine, for Intrapartum Vaginal and Postpartum Newborn Cleansing to Prevent HIV Transmission from Mother to Infant", CMW Protocol Chair (Susan Allen, PI of HIVNET Site), 20% effort for 8/99- 4/01
11. Glaxo-Wellcome Internal Research Project, " Adherence with Antiretroviral Treatment Regimens and Development of HIV Drug Resistance in an Adolescent Cohort: Genotypic and Phenotypic Analysis of HIV-1 Isolates", CMW Principal Collaborator
12. Pediatric AIDS Foundation, "Cost-Effective Use of Nevirapine to Prevent HIV Transmission in Sub-Saharan Africa", Sten Vermund, PI, (CMW Co-Investigator, 10% Effort), 5/00-4/01
13. NIAID, R01 Nutrition, "Oxidative Stress & Progression of HIV Disease", Charles Stephenson, Principal Investigator, (CMW, Co-Investigator, 5% effort) 07/99-06/30/01
14. NICHD, Data and Operations Center for the Adolescent Medicine HIV/AIDS Network, CMW Principal Investigator and Clinical Research Director for the REACH Project, 10/01/94-11/31/03, \$13.6M total
15. NIAID, U01, "UAB-Zambia-Haiti HIV Prevention Trials Unit", Sten Vermund, Principal Investigator (CMW, Co-Investigator, effort as needed), 06/01/00 - 05/31/04.
16. Clinton HIV/AIDS Initiative, Support for Clinical Capacity Building for the HIV/STI Control Program in Jamaica, CMW Principal Investigator, effort as needed, 08/01/04 – 10/01/05, annual direct cost: \$270,248.
17. NIH/NIAID, Southeast Pediatric AIDS Clinical Trials Unit, Robert Pass, Principal Investigator (CMW, Co-Investigator, 03% effort), 03/01/03 – 02/29/07,
18. NIH, DNA Methylation as an Epigenetic Host Factor in HIV/AIDS, James Tang, Principal Investigator (CMW, Co-Investigator, 07% effort), 04/01/03-03/31/07.
19. NIH, UAB Center for AIDS Research, Michael Saag, Principal Investigator (CMW, Director of the Development Core (2004-2006) and International Core (2004-2007); CMW also received support from the Clinical Core and was a Member Executive Committee 2004-2007), 03/01/03-02/29/08
20. HED/USAID, UNZA-UAB Partnership for Health Care Training Capacity Building in Zambia, CMW Principal Investigator, 20% effort, 06/01/09 – 11/30/09, \$50,000 total costs
21. US State Department-Fulbright, Professional Fellows Program – Fulbright: *Promoting Global Health by Strengthening Capacity for Education of Health Professionals Through a Professional Fellows Program Involving Faculty From Zambia, Malawi, Alabama, and California*, CMW, Co-Investigator, 5% effort (in kind), 09/01/10 – 08/31/12, (\$474,814 total project budget)
22. NICHD, ATN Coordinating Center ARRA Supplement: ATN 093 CDC-ATN Youth Focused HIV Linkage to Care Evaluation and Enhancement, CMW Principal Investigator, 3% effort, 09/30/09-09/29/12, (\$6,785,840 total project budget).
23. Fogarty International Center, *Programmatic: Expanding Innovative Multidisciplinary Medical Education in Zambia*, YF Mulla PI (CMW Project Co-Director); CMW 10% effort 10/1/10 – 9/31/15

(2016 – no cost extension), (annual budget \$1.7M)

24. DHHS HRSA, *Medical Education Partnership Initiative for Ethiopia*, M Derbew PI (CMW Subcontract Project Director); CMW 1% effort Sept 1, 2014 – August 2016 (subcontract budget \$211K)
25. CDC GAP Zambia response to RFA CDC gh11-1118: *Zambian Educational Partnership for Advanced Care and Training (ZEPACT)*, Fastone Goma, PI (CMW, Co-Director, 5% effort) 09/01/11 – 8/31/16, (annual budget \$400K in final year)
26. NICHD, Coordinating Center (formerly Leadership Group) for Adolescent Medicine Trials Network, CMW Principal Investigator, 65-80% effort, 03/01/01- 02/28/16 with NCE through Feb 2018, (\$38.4M total costs for YR01 – YR10; \$30.7M total costs for 2011-2016).

Current:

1. Fogarty International Center, *Medical Education Partnership Initiative II*, M Derbew PI (CMW Subcontract Project Director), CMW 2% effort, Sept 1, 2016 – Aug 31, 2021 (annual budget: \$600K per year direct costs)
2. Fogarty International Center, *Health Profession Education Partnership Initiative (HEPI)* Addis Ababa University, Ethiopia, M Derbew PI (CMW UAB Subcontract Project Director), Sept 1, 2018 – Aug 31, 2023 (annual budget: \$625K per year direct costs)
3. Fogarty International Center, *Health Profession Education Partnership Initiative (HEPI)*, University of Zambia, Lusaka, Zambia, F Goma PI (CMW UAB Subcontract Project Director), Sept 1, 2019 – Aug 31, 2023 (annual budget: \$625K per year direct costs)

OTHER CLINICAL RESEARCH ACTIVITIES:

Adolescent Medicine Trials Network for HIV/AIDS Interventions (ATN) Protocol Activities:

- Protocol Leadership for
 - a. ATN 026: *Evaluation of HIV-1 Specific CD8+ T-cell Responses and Escape Mutations as Explanations for the Observed Differences in Disease Progression Conferred by HLA Class I Alleles* Protocol Co-Chair
 - b. ATN 029: *Prevalence of HIV-1 Resistance Markers in a Recently Infected Population of Adolescents and Youth: A substudy of ATN 022* Protocol Co-Chair
 - c. ATN 052: *Genetic Influences on Hepatitis B Vaccination in Adolescents – Sub-study to ATN 024 and ATN 025* Protocols Protocol Co-Chair
 - d. ATN 082: *Acceptability and Feasibility of Pre-exposure Prophylaxis (PrEP) with YMSM* Protocol Co-Chair
 - e. ATN 110 and 113: *Project PrEPare Phase II – An Open Label Demonstration Project of Pre-Exposure Prophylaxis Use among YMSM in the United States*. ATN 110 for 18-22 yo and ATN 113 for 15-17 yo. Protocol Co-Chair
- Protocol Team Member for:
 - a. ATN 016b: *Connect To Protect (C2P): Partnerships for Youth Prevention Interventions, Phase II*
 - b. ATN 021: *Prevalence of Morphologic and Metabolic Abnormalities in HIV Infected and Uninfected Young Women*
 - c. ATN 022: *A Novel Method to Determine HIV Incidence Among Youth*
 - d. ATN 024: *Hepatitis B Immunization in HIV-Positive Youth*
 - e. ATN 025: *Hepatitis B Immunization in HIV-Negative Youth Study as a Prototype for HIV-1 Vaccine Study*
 - f. ATN 049: *Vitamin D Status in HIV-positive and HIV-negative Adolescents in the REACH Cohort*
 - g. ATN 056: *Pharmacokinetics of Protease-Inhibitor Containing Once Daily Antiretroviral Therapy Regimens in Adolescents with HIV Infection*
 - h. ATN 061: *Preservation and Expansion of T-cell Subsets Following HAART De-intensification to Atazanavir/ritonavir (ATV/r) in Adolescents with CD4+ T Cells > 350 and HIV RNA < 100,000 Initiating HAART*
 - i. ATN 063: *Randomized, placebo-controlled trial of the safety and effectiveness of Vitamin D supplement to improve tubular reabsorption of phosphate and decrease bone turnover in adolescents and young adults with HIV infection being treated with antiretroviral therapy containing Tenofovir compared to those being treated with antiretroviral therapy not containing Tenofovir*
 - j. ATN 064: *Safety and immunogenicity of Gardasil in human immunodeficiency virus-positive adolescent girls who have genital tract human papilloma virus HPV infection (in analysis)*
 - k. ATN 071: *Neurocognitive assessment in youth initiating HAART*

- l. AMC 072: *Efficacy of Quadrivalent Vaccine in Young HIV-positive Men who have Sex with Men*
- m. ATN 086: *Network wide assessment of current health status and behavioral risk factors*
- n. ATN 093 and 116: *CDC-ATN/NICHD Enhanced HIV Testing and Linkage to Care Project*
- o. ATN 095: *Connect to Protect® (C2P): Building a Community Based Infrastructure for HIV Prevention*
- p. ATN 105: *Enhancement of Connect to Protect® (C2P) to Increase Structural Change and Reduce HIV Risk: Phase IV*
- q. ATN 106: *Network wide assessment of current health status and behavioral risk factors: An expanded study for new sites in ATN III*
- r. ATN 109: *Vitamin D with and without Calcium Supplementation to Decrease Tenofovir-Induced Hyperparathyroidism and Explore Improvements in Bone Mineral Density in Youth with HIV infection being treated with Tenofovir-Containing Combination Antiretroviral Therapy*
- s. ATN 116: *Structural Enhancements to the Strategic Multi-site Initiative for Identification, Linkage- and Engagement-to-Care (SMILE) Program*
- t. ATN 117: *Renal, endocrine, and bone changes in response to treatment with co-formulated tenofovir-emtricitabine for pre-and-post-exposure HIV prophylaxis (PrEP) in HIV uninfected young men who have sex with men in the United States (a substudy of PCS 110 and 113)*
- u. PCS 119: *A Laboratory Evaluation of Non-Invasive Markers for Liver Disease in HIV-infected and At-Risk Adolescents and Young Adults*
- v. PCS 122: *Mitochondrial DNA Haplogroups and HIV Progression in African Americans: The REACH Study*
- w. MTN-023/IPM 030: *Phase 2a Safety Study of a Vaginal Ring Containing Dapivirine in Adolescent Females*
- x. ATN 125: *PHASES – Provision of HIV Treatment at ATN Sites: An Evaluation for Stakeholders*
- y. ATN 130: *Assessing the Engagement of Transgender and Other Gender Minority Youth across the HIV Continuum of Care*
- z. C2TaP: *Connecting to Testing and Prevention*

BIBLIOGRAPHY:

Manuscripts Published (Peer reviewed)

1. Frankel LR, **Wilson CM**, Demers RR, Parker JR, Lewiston NJ, Stevenson DK, Smith DW. A technique for the administration of ribavirin to mechanically ventilated infants with severe respiratory syncytial virus infection. *Critical Care Medicine* **15**:1051-1054; 1987. PMID 3677748
2. **Wilson CM**, Stevenson DK, Arvin AM. A concurrent epidemic of respiratory syncytial virus and echovirus 7 infections in an intensive care nursery. *Pediatr Inf Dis J* **8**:24-29; 1989. PMID 2922234
3. **Wilson CM**, AE Serrano, A Wasley, M Bogenschutz, AH Shankar, DF Wirth. Amplification of a gene related to mammalian mdr genes in drug resistant *Plasmodium falciparum*. *Science* **244**:1184-1186, 1989. PMID 2658061
4. **Wilson CM**, O'Rourke EJ, McGinnis M, Salkin I. *Scedosporium inflatum*: Clinical spectrum of a newly recognized pathogen. *J Inf Dis* **161**:102-107, 1990. PMID 2295842
5. Robertson MJ, Socinski MA, Soiffer RJ, Finberg RW, **Wilson C**, Bosserman L, Sang DN, Salkin IF, Ritz J. Successful treatment of disseminated *Fusarium* infection after autologous bone marrow transplantation for acute myeloid leukemia. *Bone Marrow Transplantation* **8**:143-145, 1991.
6. **Wilson CM**, Volkman SK, Thaithong S, Martin RK, Kyle DE, Milhous WK, Wirth DF. Amplification of *pfmdr1* associated with mefloquine and halofantrine resistance in *Plasmodium falciparum* from Thailand. *Mol Biochem Parasitol* **57**:151-160, 1993. PMID 8426608
7. Volkman SK, **Wilson CM**, Wirth DF. Stage specific transcripts of the *Plasmodium falciparum* *pfmdr1* gene. *Mol Biochem Parasitol* **57**:203-212, 1993. PMID 8094538
8. LeBlanc SB and **Wilson CM**. The dihydroorotate dehydrogenase gene homologue of *Plasmodium falciparum*. *Mol Biochem Parasitol* **60**:349-352, 1993. PMID 8232427
9. Zalis MG, **Wilson CM**, Zhang Y, and Wirth DF. Characterization of the *pfmdr2* gene of *Plasmodium falciparum*. *Mol Biochem Parasitol* **62**: 83-92, 1993. PMID 8114829
10. Chanock SJ, Toltzis P, **Wilson C**. Cross-reactivity between *Stomatococcus mucilaginosus* and latex agglutination for cryptococcal antigen. *Lancet* **342**:1119-1120, 1993. PMID 8105345
11. Basco LK, de Pecoulas PE, **Wilson CM**, LeBras J, Mazabraud A. Point mutations in the dihydrofolate reductase thymidylate synthase gene and pyrimethamine and cycloguanil resistance in *P. falciparum*. *Mol Biochem Parasitol* **69**: 135-138, 1995. PMID 7723784
12. Basco L, Rhoades MZ, Lebras J, and **Wilson CM**. Analysis of *pfmdr1* and drug susceptibility in fresh isolates of *P. falciparum* from subsaharan Africa. *Mol Biochem Parasitol* **74**:157-166, 1995. PMID 8719157

13. Basco LK, de Pecoulas PE, LeBras J, **Wilson CM**. *P. falciparum*: Molecular characterization of multidrug-resistant Cambodian isolates. *Experimental Parasitol* **82**: 97-103, 1996. PMID 8617353
14. **Wilson CM**, Baylon RV and Smith A. Characterization of the β -aminolevulinic synthase homologue in *P. falciparum*. *Mol Biochem Parasitol* **79**: 135-140, 1996. PMID 8844683
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Manuscripts In Press

1. Bunge K, Levy L, Szydlo DW, Zhang J, Gaur AH, Reirden D, Mayer KH, Futterman D, Hoesley C, Hillier SL, Marzinke MA, Hendrix C, Gorbach P, **Wilson CM**, Soto-Torres L, Kapogiannis BG, Nel A, and Squires K for the MTN-023/IPM-030 Study Team. Phase IIa Safety Study of a Vaginal Ring Containing Dapivirine in Adolescent Girls. *JAIDS*

Manuscripts Submitted

- 1 Sleasman JW, Hudey S, Li S, Squires KE, Agwu A, Kapogiannis BG, Emmanuel P, Price G, **Wilson CM**, Goodenow MM, Rudy BJ, and the Adolescent Medicine Trials Network for HIV/AIDS Interventions. Sustained control of viral replication is associated with lower CD8 T cell activation and Reconstitution of Naïve CD4 T cells in HIV-infected Adolescents and Young Adults Receiving ritonavir boosted atazanavir monotherapy in ATN 061.
- 2 Neilan AM, Bulteel AJB, Hosek SG, Foote FA, Freedberg KA, Landovitz RJ, Walensky RP, Resch SC, Kazemian P, Paltiel AD, Weinstein MC, **Wilson CM**, Ciaranello AL. Cost-effectiveness of frequent screening among high risk young men who have sex with men in the US.
- 3 Zyambo CM, Cropsey KA, , Willig JH, **Wilson CM**, Gakumo AC, Tamhane, AR, Westfall AO, Hendricks PS, Burkholder GA. Racial Disparities and Factors Associated With Prescription for Smoking Cesaation Medications Among Smokers Receiving Routine Clinical care for HIV
- 4 Van den Berg JJ, Gamarel KE, Westfall AO, Fortenberry JD, Hosek SG, **Wilson CM**, Lally MA. Transmission Risk among Youth Living with HIV.

Invited Reviews/Reports

1. **Wilson CM.** Respiratory disease caused by parasites. *Pediatric Annals* **23**: 443-446, 1994.
2. Modlin JF, Wilfert CM, McIntosh K, **Wilson CM.** Report of the working group to review the NIH perinatal, pediatric and adolescent research priorities. Office of AIDS Research, June 10-11, 1999. Co-author of the Adolescent subsection summary with Rogers AS.
3. Consensus statement of the Perinatal HIV Intervention Research in Developing Countries Workshop Participants: "Science, ethics, and the future of research into maternal infant transmission of HIV-1". *Lancet* 353:832-835, 1999. **Wilson CM,** participant
4. Vermund SH, and **Wilson CM.** Pinworm (*Enterobius vermicularis*). *Sem Ped Inf Dis* 11:252-256, 2000.
5. Vermund SH, and **Wilson CM.** Barriers to HIV testing – where next? *Lancet* 260: 1186-1187, 2002.
6. Report of the WHO/TDR/IVR Meeting "Ethics of Performing Vaccine Trials in Pediatrics Populations in High Disease Burden Developing Countries". Accra, Ghana, November 26-28, 2002. **Wilson CM,** participating author.
7. Consensus report of the Office of AIDS Research Advisory Council "Optimizing NIH HIV/AIDS Research in a Time of Budget Constraint" April, 2014. (*Clin Inf Dis* 60: 937-40, 2015 and (<http://www.oar.nih.gov/oarac/minutes111413.asp>) **Wilson CM,** member and participant
8. UNICEF Consultation on Clinical, Ethical and Operational Considerations for the Implementation of Oral Pre-Exposure Prophylaxis (PrEP) in Sexually Active Older Adolescents (15-19) at High Risk of HIV Infection: *Meeting Report.* Vancouver, Canada July 2015. HIV Section, UNICEF NY, NY 10017. **Wilson CM** invited presenter and participant.
9. Hosek S and **Wilson CM.** Letter in Reply to "Understanding the Possible Non-medical Risks of PrEP Prescriptions in Adolescents". *JAMA Pediatrics,* 2017

BOOKS:

Book Chapters

1. **Wilson CM.** Parasitic Infections, Chapter 15 in *Manual of Pediatric Therapeutics by The Children's Hospital of Boston,* 5th ed, Graef J, editor Little Brown and Co, Boston, MA, 1993.
- 2/3. **Wilson CM** and Goldman DA. Giardiasis in *Primary Pediatric Care,* 2nd ed, Hoekelman RA, et al., editor, CV Mosby, St Louis, MO, 1992; 3rd ed, 1996.
- 4/5. Goldman DA and **Wilson CM.** Pinworm Infestations in *Primary Pediatric Care,* 2nd ed, Hoekelman RA et al., editor, CV Mosby, St Louis, MO, 1992, 3rd ed, 1996.
6. **Wilson CM.** Malaria in *Current Pediatric Therapy,* 16th ed Burg FD et al., editor, W.B. Saunders, Philadelphia, PA, 1997.
7. **Wilson CM.** Giardiasis in *Primary Pediatric Care,* 4th ed, Hoekelman RA, et al., editor, CV Mosby, St Louis, MO, 2001.
8. **Wilson CM.** Pinworm Infestations in *Primary Pediatric Care,* 4th ed, Hoekelman RA et al., editor, CV Mosby, St Louis, MO, 2001.
- 9-10. **Wilson CM.** Plasmodium Species (Malaria) in *Principles and Practice of Pediatric Infectious Diseases,* Long SS, Pickering LK and Prober CG, editors Churchill Livingstone, New York, NY, 1997; 2nd ed, 2003.
11. **Scarbinski J, Wilson CM, Parise ME.** Plasmodium Species (Malaria) in *Principles and Practice of Pediatric Infectious Diseases,* Long SS Pickering LK and Prober CG, editor, Churchill Livingstone, New York, NY, 3rd ed, 2008.
- 12-14. **Wilson CM** and Freedman DO. Antiparasitic Agents in *Principles and Practice of Pediatric Infectious Diseases,* Long SS, Pickering LK, Prober CG editors, Churchill Livingstone, New York, NY, 1997; 2nd ed, 2003; 3rd Edition, 2008.
- 15-16. **Wilson CM.** Giardiasis. In: McInery TK, Adam HM, Campbell DE, Kamat DK, Kelleher KJ, eds. *American Academy of Pediatrics Textbook of Pediatric Care,* 1st Ed. Elk Grove Village, IL: American Academy of Pediatrics, 2009, 2013 (on line)
- 17-18. **Wilson CM.** Pinworm Infestations. In: McInery TK, Adam HM, Campbell DE, Kamat DK, Kelleher KJ, eds. *American Academy of Pediatrics Textbook of Pediatric Care* 1st Ed, Elk Grove Village, IL: American Academy of Pediatrics; 2009, 2013 (on line)
19. **Wilson CM.** Antiparasitic Agents in *Principles and Practice of Pediatric Infectious Diseases,* Long SS, Pickering LK, Prober CG editors, Elsevier, New York, NY, 4th Edition, 2012
20. **Wilson CM.** Pinworm Infestations. In: McInery TK, Adam HM, Campbell DE, Foy JM, Kamat DK, Dewitt TG, eds. *American Academy of Pediatrics Textbook of Pediatric Care,* 2nd Ed. Elk Grove Village, IL: American Academy of Pediatrics, on line version at www.pediatriccareonline.org : 2016
21. **Wilson CM.** Giardiasis. In: McInery TK, Adam HM, Campbell DE, Foy JM, Kamat DK, Dewitt TG,

eds. *American Academy of Pediatrics Textbook of Pediatric Care*, 2nd Ed. Elk Grove Village, IL:
American Academy of Pediatrics, on line version at www.pediatriccareonline.org : 2016

MISCELLANEOUS:

Community Service

Vestavia Hills Soccer Club

Soccer Coach for U6 through U14 Youth Soccer, 1991-2004

Commissioner for U8 Boys Youth Soccer Intramural Program, 1993-1994

Commissioner for U8 Girls Youth Soccer Intramural Program, 1996-1999

Commissioner for U10 Girls Youth Soccer Intramural Program, 1999-2001

Vice President for Coaching and Skills, Vestavia Hills Soccer Club, 1995-1997

Vice President for Skills and Programs, Vestavia Hills Soccer Club, 1997-1999