CURRICULUM VITAE

Christopher Curtis Whalen, M.D., M.S.

**Personal:**

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Birth date: 19 June, 1956

Married: Lauren S. Nagashima-Whalen, M.D.

Children: Peter (9/11/86), Matthew (12/12/89), Lily (11/18/97)

**Education:**

1974 – 1978 Stanford University, AB English, French Literature

1980 – 1984 Case Western Reserve University School of Medicine, M.D.

1989 – 1992 Case Western Reserve University, M.S. Epidemiology and Biostatistics

**Medical Training:**

1984-1985 Intern, Internal Medicine, University Hospitals of Cleveland

1985-1987 Resident, Internal Medicine, University Hospitals of Cleveland

1987-1988 Fellow, General Internal Medicine (year 1), University Hospitals of Cleveland

1988-1989 Chief Resident, Internal Medicine, University Hospitals of Cleveland

1989-1990 Fellow, General Internal Medicine (year 2), University Hospitals of Cleveland

1992-1994 Fellow, Infectious Diseases, University Hospitals of Cleveland

**Professional Appointments:**

2019 – present Karen and Jim Holbrook Professor of Global Health

2016 – present Director, Global Health Institute, College of Public Health, University of Georgia

2014 – 2015 Interim Head, Department of Epidemiology and Biostatistics, College of Public Health, University of Georgia

2012 – present Distinguished Research Professor, University of Georgia

2010 – 2019 Ernest Corn Professor of Infectious Disease Epidemiology, College of Public Health University of Georgia

2008 – present Professor, Department of Epidemiology and Biostatistics (with tenure), College of Public Health, University of Georgia

2005 – 2008 Professor, Department of Epidemiology and Biostatistics, Case Western Reserve University

1999 Tenure awarded, Case Western Reserve University

1998 – 2005 Associate Professor, Department of Epidemiology and Biostatistics, Case Western Reserve University

1994 – 1998 Assistant Professor, Department of Epidemiology and Biostatistics, Case Western Reserve University

1990 – 1993 Assistant Professor, Department of Medicine, Case Western Reserve University

**Licensure and Certification:**

1985 Ohio Medical License: 35-05-3040,

1987 American Board of Internal Medicine, Diplomate

1996 - 2016 Board Certified, Infectious Diseases, Diplomate

**Membership in Medical Societies:**

Society for Epidemiologic Research

Infectious Disease Society of America

American Epidemiological Society

**Honors and Awards:**

1984 Alpha Omega Alpha, Case Western Reserve University School of Medicine

1991 Junior Faculty Research Award, Society of General Internal Medicine

1997 Nominee for Clinical Teacher of the Year Award, Department of Medicine, Case Western Reserve University School of Medicine

1998 John S. Diekhoff Award for Distinguished Graduate Teaching, Graduate Studies Program, Case Western Reserve University

2002 Nominee for Kaiser-Permanente Award for Excellence in Teaching, Case Western Reserve University School of Medicine

2004 Elected to American Epidemiological Society

2008 Teacher of the Year, Department of Epidemiology and Biostatistics, Case Western Reserve University, School of Medicine

2009 Invited Speaker, George Naff Annual Lecture, Case Western Reserve University

2009 Delta Omega National Honorary Society in Public Health

2010 Ernest Corn Professor in Infectious Disease Epidemiology, University of Georgia

2011 Award for Excellence in Research, College of Public Health, University of Georgia

2012 Distinguished Research Professor, University of Georgia

2017 Elizabeth Hurlock Beckman Award, Elizabeth Hurlock Beckman Award Trust

2019 Karen and Jim Holbrook Professor of Global Health

2019 George W. Comstock Lecture, Johns Hopkins University School of Medicine

**Professional Service:**

Study Sections, Review Groups and Special Emphasis Panels:

2021 Co-chair, International and Cooperative – 1 Study Section (PAR-19-098)

Population Sciences and Epidemiology Integrated Review Group

National Institutes of Health, Bethesda, MD

March 9 – 10, 2021

2020 51st Union World Conference on Lung Health, abstract review

International Union Against Tuberculosis and Lung Disease (The Union)

Paris, France

May 2020

2020 NIAID Special Emphasis Panel (PAR-19-281/PAR-18-633)

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

April 2020

2020 NIAID New Innovators Awards (DP2; PAR-19-296)

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

March 2020

2019 Chair, Clinical Trial Implementation Cooperative Agreement (UO1 Clinical Trial).

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

August 2019

2018 Single-site Investigator-Initiated Clinical Trials (R61/R33)

Special emphasis panel, National Heart, Lung, Blood Institute

National Institutes of Health, Bethesda, MD

June 2018

2017 Clinical Research Career Development Fellowship

The Wellcome Trust

Mar 2017

2017 Human Heredity and Health in Africa (H3Africa) Coordinating Center

National Human Genome Research Institute

National Institutes of Health

Mar 2017

2014 International Research in Infectious Diseases (IRIDA)

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

Nov 2014

2014 NIMH Research Education Mentoring Programs for HIV/AIDS Research (R25)

National Institute of Mental Health

National Institutes of Health, Bethesda, MD

2014 Clinical Research and Field Studies of Infectious Diseases, ad hoc

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

Oct 2014

2014 Chair, Special Emphasis Review Committee - International Centers for Infectious Disease Research (ICIDR)

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

July, August 2014 (two stage review)

2011 Dissemination and Implementation Research in Health (ad hoc reviewer)

Healthcare Delivery and Methodologies Integrated Review Group

Center for Scientific Review

National Institutes of Health, Bethesda, MD

23 Feb 2011, Sep 2011

2010 – 2017 AIDS Research Review Committee (ad hoc reviewer)

Division of AIDS

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

November 2010, July 2011, March 2012, March 2015, March 2017

2007 - 2015 Global Infectious Disease Training Programs

Fogarty International Center

National Institutes of Health, Bethesda, MD

April 1, 2007 and Mar 2011, March 2015

2004 – 2009 AIDS Review Committee (Study Section), chartered member

Division of AIDS

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

2005 Loan Repayment Program

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

April 27, 2005

2005 Chair, Special Emphasis Panel

International Clinical Sciences Support, RFP – 05-07

Division of Microbiology and Infectious Diseases

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

February 18, 2005

2004 Microbiology and Infectious Disease Review Committee, ad hoc member

Division of Microbiology and Infectious Diseases

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

2004 Chair, Special Emphasis Panel

International Bioethics Education and Career Development Award

Fogarty International Center

National Institutes of Health, Bethesda, MD

2003 – 2004 Reviewer, International research Development Award

The Wellcome Trust

London, UK

1999 – 2003 Microbiology and Infectious Disease Review Committee (Study Section)

Division of Microbiology and Infectious Diseases

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

2002 Special Emphasis Panel for NeuroAIDS Studies

Division of AIDS

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

2001, 2002 Special Emphasis Review Panel for Comprehensive International Program of Research on AIDS (CIPRA)

Division of AIDS

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

2001 Special Emphasis Review Committee for the International Research Scientists

Development Awards of the Fogarty International Center

Fogarty International Center

National Institutes of Health, Bethesda, Maryland

1999 Special Emphasis Review Committee for International Centers for Infectious Disease Research (ICIDR)

National Institute of Allergy and Infectious Diseases

National Institutes of Health, Bethesda, MD

Advisory Committees, Consultations, and other Professional Activities:

2019 – 2020 GHLegacy Planning Committee, Smallpox Eradication Conference

Georgia Global Health Alliance, Atlanta, GA

June 2020 (postponed because of SARS Cov2 pandemic)

2019 External grant reviewer, Columbia University Mailman School of Public Health, May 2019

2018 External Reviewer, Committee on Appointments and Tenure, Boston University School of Medicine, Aug 2018

2018 External Reviewer, Committee on Appointments, Promotions, and Tenure, Case Western Reserve University School of Medicine, Aug 2018

2016 – present Executive Board, founding member, Georgia Global Health Alliance

2015 External Reviewer, Committee on Promotion and Tenure, University of California, San Francisco, School of Medicine, April 2015

2015 External Reviewer, Promotion and Tenure Committee, Johns Hopkins Bloomberg School of Public Health, April 2015

2014 – 2019 Ethiopia-Emory Fogarty TB Research and Training Program

Consultant

2011 Reviewer for the Office of the Vice President for Research

University of Minnesota

Internal Infrastructure Investment Initiative (i3)

April – May 2011

2001 Consultant for World Health Organization

Global Forum on TB Vaccines: Research and Development

Department of Vaccines and Biologicals, Vaccine Development

World Health Organization, Geneva Switzerland

2001 Tuberculosis Vaccine Initiative Advisory Committee, Member

Initiative for Vaccine Research

Department of Vaccines and Biologicals, Vaccine Development

World Health Organization, Geneva Switzerland

2000 Invited Participant

Vaccines for HIV/AIDS, Malaria, and Tuberculosis: Addressing the Presidential Challenge

National Institutes of Health, Bethesda, Maryland

1999 – present Technical Advisor, Ugandan Society for Health Scientists

Kampala, Uganda

1999 Co-Chairman of Meeting Workshop

Non-Antiretroviral Interventions to Slow HIV Disease Progression and Benefit Non-HIV-Infected Persons

Second Conference on Global Strategies for Prevention of HIV Transmission from Mothers to Infants

Montreal, Canada

1999 Consultant for World Health Organization

Working Group on Clinical Trials of New TB Vaccines

Department of Vaccines and Other Biologicals

World Health Organization, Geneva, Switzerland

1998 Consultant for the Centers for Disease Control and Prevention

CDC Conference on Screening and Preventive Therapy

Centers for Disease Control and Prevention, Division of Tuberculosis Elimination

Atlanta, GA

1998 Consultant for World Health Organization

TB Preventive Chemotherapy in People Living with HIV/AIDS

Global Tuberculosis Programme

World Health Organization, Geneva, Switzerland

1998 – 2000 Reviewer of abstracts to the World AIDS Conference

1998 Steering Committee Member, Fogarty Workshop on International HIV/AIDS

Prevention Research Opportunities

AIDS Research Institute, University of California, San Francisco

1997 Consultant for the Centers for Disease Control and Prevention

CDC Conference on HIV-Associated Tuberculosis

Centers for Disease Control and Prevention, Division of Tuberculosis Elimination

Atlanta, GA

1997 Rapporteur, International Conference on TB Vaccine Development, July 25, 1997

Tuberculosis Vaccines: How Close to Human Testing?

Sponsored by National Institutes of Allergy and Infectious Diseases

Case Western Reserve University, Cleveland OH

1997 Rapporteur, Tuberculosis Diagnostics Workshop, July 27, 1997

Sponsored by World Health Organization

Case Western Reserve University, Cleveland OH

1997 Contributor to the Certification and Recertification Programs, 1997

American Board of Internal Medicine

Committees or Working Groups:

2020 – 2019 Search Committee for Assistant/Associate Professor of Infectious Diseases, Department of Epidemiology and Biostatistics, College of Public Health University of Georgia

2018 – 2019 Student Affairs Committee, Department of Epidemiology and Biostatistics, College of Public Health University of Georgia

2018 – 2019 2025 Strategic Planning Committee, University of Georgia

2018 – 2019 Member, University Search Committee for Dean, College of Public Health

2015 – present Committee on Promotions and Tenure, College of Public Health, University of Georgia

2015 – 2020 Data Safety Monitoring Board, wCDSMP study, University of Georgia

2012 Chair, Program Review Committee for Office of Research Compliance, Office for the Vice President for Research, Program Review and Assessment Committee, University of Georgia

2011 – 2012 Chair, Departmental Search Committee, Department of Epidemiology and Biostatistics, University of Georgia

2011 – 2012 Chair, Program Review Committee for Department of Environmental Health Sciences, Program Review and Assessment Committee, University of Georgia

2011 – 2013 Special Professorship Committee, University of Georgia

2010 – 2011 Bylaw Committee, College of Public Health, University of Georgia

2009 Search and Screening Committee for the Associate Provost for International Programs, Office of the Senior Vice President for Academic Affairs and Provost, University of Georgia

2008 – present Committee on Promotions and Tenure, Department of Epidemiology and Biostatistics, College of Public Health, University of Georgia

2008 – 2010 Research Advisory Council, Office of the Vice President for Research, University of Georgia

2008 – 2009 Review Committee for Center for Tropical and Emerging Global Diseases, University of Georgia

2008 Strategic Planning for School of Medicine, International Programs Working Group

2007 – 2008 Member, CTSTP Steering Committee member

2003 – 2006 Committee on Appointments, Promotions and Tenure, Case Western Reserve University School of Medicine

2003 – 2004 Undergraduate Public Health Working Group

2001 – 2008 Core Director, Epidemiology and Biostatistics

Center for AIDS Research (CFAR), Case Western Reserve University

1997 – 2008 Committee on Appointments, Promotions and Tenure, Department of Epidemiology and Biostatistics, Case Western Reserve University School of Medicine

1995 – 1998 Security Committee, Case Western Reserve University

1994 – 2008 Student Selection Committee, Department of Epidemiology and Biostatistics

1994 –2008 Committee Member for the Tuberculosis Research Unit

Case Western Reserve University

1994 – 2008 Working Group Leader

Center for AIDS Research (CFAR), Case Western Reserve University

International Working Group

1996 – 1998 Education Committee for the Infectious Diseases Research Institute, Department of Medicine

1996 – 2002 Graduate Studies Committee, Department of Epidemiology and Biostatistics

Chairman, 1997 - 2002

1996 – 1997 HIV/Opportunistic Infection - Working Group

AIDS Clinical Trials Group, Complications of HIV Disease Research Agenda Committee Chairman John Phair, MD

1988 – 1990 Residency Education and Certification Committee, Department of Medicine

1989 – 1990 Quality Assurance Committee, Department of Medicine, University Hospitals of Cleveland

1987 – 1989 Medical Student Recommendation Committee, Department of Medicine, Case Western Reserve University

1987 – 1990 Intern Selection Committee, Department of Medicine, Case Western Reserve University

Reviewer for Medical Journals or Societies (cumulative):

American Journal of Epidemiology

American Journal of Respiratory and Critical Care Medicine

American Journal of Tropical Medicine and Hygiene

American Thoracic Society

Annals of Epidemiology

Archives of Family Medicine

Clinical Infectious Diseases

International Journal of Tuberculosis and Lung Disease

Journal of the Acquired Immunodeficiency Syndrome (JAIDS)

Journal of the American Medical Association

Journal of General Internal Medicine

Journal of Infectious Diseases

New England Journal of Medicine

PLoS ONE

The Lancet

Tubercle and Lung Disease

Administrative Activity:

2016 – present Director, Global Health Institute, College of Public Health, University of Georgia

2009 – 2016 Graduate Studies Coordinator for Epidemiology, Department of Epidemiology and Biostatistics, College of Public Health, University of Georgia

2008 – 2010 Head (2009 – 2010) Curriculum and Academic Affairs Committee, College of Public Health, University of Georgia

2004 – 2009 Director, Fogarty International Clinical Research Scholars Program, Case Western Reserve University

2002 – 2008 Head, Division of Epidemiology, Department of Epidemiology and Biostatistics, Case Western Reserve University School of Medicine

2002 – 2008 Director, Center for the Modern Epidemiology of Infectious Disease, Department of Epidemiology and Biostatistics, Case Western Reserve University School of Medicine

2002 – 2008 Director, Epidemiology and Biostatistics Core, Center for AIDS Research, Case Western Reserve University School of Medicine

1995 – 2014 Director, AIDS International Training and Research Program, Case Western Reserve University and the University of Georgia

1992 – 1993 Associate Director of Research Fellowship, Division of General Internal Medicine, Department of Medicine University Hospitals of Cleveland and Veterans Affairs Medical Center

1991 – 1992 Associate Firm Director, Wade Park Veterans Affairs Medical Center

1987 – 1988 AIDS Task Force, University Hospitals of Cleveland

1986 – 1987 Institutional Review Board, University Hospitals of Cleveland

Hospital Infection Control Activities:

1993 Infection Control Committee, Veterans Affairs Medical Center

Statistical analysis of hospital data (10 hrs)

1994 Tuberculosis Care Path, University Hospitals of Cleveland, committee member

Medical and Graduate Student Activities:

2007 ShowCase Research Day

Judge of posters

Case Western Reserve University

11 April 2007

1996 Irwin H. Lepow Student Research Day

Judge for student presentations (5 hrs)

1996 Basic Science Mentor Program (2 students)

**Invited Presentations and Lectures:**

1992 Reliability of Symptoms in Clinical Medicine

Medical Grand Rounds, January 1992

Case Western Reserve University School of Medicine

1992 Epidemiologic Methods in the Study of HIV Infection in Africa

Makerere University, Uganda, March 1992

Sponsored jointly by the Fogarty International Center and World AIDS Foundation

1992 Global Epidemiology of Tuberculosis

Tuberculosis Research Symposium

Case Western Reserve University, November 1992

1993 Statistical Methods in Epidemiology

Makerere University, Kampala, Uganda, January 1993

Sponsored by Fogarty International Center

1994 Tuberculosis in the Elderly: The Forgotten Epidemic (?)

Topics in Geriatric Medicine

Case Western Reserve University, February 1994

Sponsored by the Western Reserve Geriatric Education Center

1994 Tuberculosis: The re-emergence of an old pathogen.

International Forum on Internal Medicine, Mexico City, Mexico

August 25 - 27, 1994,

1995 Workshop on Clinical Research Proposal Development and Project Management

Research Design and statistical analysis

Case Western Reserve University and Makerere University, Institute of Public Health

Kampala, Uganda, January 1995

Sponsored by the University Development Linkages Program, USAID

1995 Interactions between HIV and Tuberculosis: Studies in Uganda

Thirtieth Joint Conference on Parasitic Disease, 1995

US Japan Cooperative Medical Science Program

Case Western Reserve University

Cleveland, OH, July 20 - 22, 1995

1996 HIV/TB Clinical Care: Approaches to Controversial Issues

Society for General Internal Medicine, l9th Annual National Meeting

Washington, DC, May 2, 1996

1996 Vitamin A deficiency and mortality in HIV-infected Ugandan Adults

(With Peter Langi, Fogarty Fellow)

AIDS International training and research Program, Fogarty International Center

Office of AIDS Research, Natural History and Epidemiology Section

Washington, DC, May 16, 1996

1997 Impact of Tuberculosis on HIV Infection

Invited State-of-the-Art Presentation

CDC Conference on HIV-Associated Tuberculosis

Decatur, GA, September 8-9, 1997

1997 Impact of Tuberculosis on HIV Infection in Africa

Tuberculosis in Africa: The Promise of Scientific Advances

Kampala, Uganda, September 23-24, 1997

1998 Impact of Tuberculosis on HIV Infection in Africa

Meeting on TB Preventive Therapy in People Living with HIV/AIDS

World Health Organization

Geneva, Switzerland, February 18 – 20, 1998

1998 HIV-1 and TB Interactions

Departmental Seminar, Epidemiology and Biostatistics

Case Western Reserve University, April 23, 1998

1998 Evaluating TB Vaccine Efficacy in Household Contacts

Tuberculosis Vaccine Development and Evaluation: 1998 International Symposium

Sponsored by Centers for Disease Control and the National Institutes of Health

San Francisco, CA, August 26 – 28, 1998

1998 Tuberculosis in the Elderly

Topics in Geriatric Medicine

Western Reserve Geriatric Education Center, Case Western Reserve University

November 6, 1998

1998 Prevention of Tuberculosis

36th Annual Meeting of the Infectious Diseases Society of America

Denver, CO, November 12, 1998

1999 Preventive Therapy for Tuberculosis: Who should get it?

Medical Grand Rounds

Department of Medicine, Case Western Reserve University

February 23, 1999

1999 Transmission of *M. tuberculosis* in Households

International Forum on Tuberculosis

Invited speaker for World Tuberculosis Day

Institutio Nacional de Enfermedades Respiratorias

Mexico City

March 24, 1999

1999 Tuberculosis Vaccine Field Trials in the ‘Best of All Possible Worlds’

Working Group on Clinical Trials of New TB Vaccines

Immunology of Mycobacteria (IMMYC) Subcommittee

World Health Organization, Vaccines and Other Biologicals

Geneva, Switzerland

April 19,1999

1999 Interaction of HIV and *M. Tuberculosis*: a Summary of Current Data

Workshop on HIV Mortality and Tuberculosis

30th Meeting of the International Union Against Tuberculosis and Lung Disease, World Conference on Lung Health

# Madrid, Spain,

September 14, 1999

1999 Cohort Studies

Didactic Curriculum on Clinical Research for Fellows and Faculty

Department of Medicine, Case Western Reserve University

November 9, 1999

1999 Risk-Benefit Assessment of International Research: Examples from Uganda

Ethical Challenges of International Research in Developing Countries: Risk-Benefit Analysis

National Bioethics Advisory Committee

Washington, D.C., December 3, 1999

1999 HIV and Tuberculosis Epidemiology and Interaction

World AIDS Day 1999

Francis Payne Bolton School of Nursing

Case Western Reserve University

Cleveland, OH, December 1, 1999

2000 Tuberculosis Transmission and Prevention Studies in Uganda

Department of International Health Seminar

Johns Hopkins University Tuberculosis Center

Johns Hopkins University, School of Medicine

Baltimore, MD, May 16, 2000

2000 Tuberculosis Transmission in Ugandan Households

Boston University School of Public Health

Boston University, Boston MA, September 18, 2000

2000 Tuberculosis International Training Programs

Annual Directors’ Meeting

Fogarty International Center, National Institutes of Health

Washington, D.C., October 26, 2000

2000 HIV in Africa

World AIDS Day 2000

Francis Payne Bolton School of Nursing

Case Western Reserve University

Cleveland, OH, December 1, 2000

2002 HIV/TB Co-Pathogenesis: Mechanisms and Implications of Treatment

Tuberculosis and HIV Co-Infection Symposium

9th Conference on Retroviruses and Opportunistic Infections

Seattle, WA, February 25, 2002

2003 Endpoints for Phase I and II Clinical Trials of New Tuberculosis Vaccines

NIAID/NIH – CBER/FDA TB Vaccine Regulatory Workshop

National Institutes of Health

December 9, 2003

2004 Transmission Dynamics of *M. tuberculosis* in Ugandan Households.

Emmanual Wolinsky Lecture, MetroHealth Medical Center

September 2, 2004

2005 Survival in HIV-Associated Tuberculosis

Confronting TB-HIV Co-infection

Fifth Annual Harvard Medical School Center for AIDS Research Symposium

Harvard Medical School

June 30, 2005

2006 Treating HIV/AIDS in Africa: The Promise and the Perils

World AIDS Day 2006

Case Western Reserve University School of Law, Law-Medicine Center

November 30, 2006

2007 Treating HIV/AIDS in Africa: The Promise and the Perils

Student Global AIDS Campaign, American Medical Student Association

Case Western Reserve University, School of Medicine

October 18, 2007

2007 Transmission Dynamics of Tuberculosis in African Households

College of Public Health, University of Georgia

November 30, 2007

2007 Causal Inference in Epidemiology

Department of Epidemiology and Biostatistics

Case Western Reserve University

November 6, 2007

2008 Epidemiology of Tuberculosis

University Health Center

University of Georgia

September 24, 2008

2008 Secondary Attack Rates of Tuberculosis

Ecology Seminar Series

Coverdell Center for Biomedical and Health Sciences

University of Georgia

2008 Epidemics: What Lies Beneath

Disease – What’s Next … How Are We Preparing?

Academic Professional Security Series

Georgia Center for Continuing Education

University of Georgia

October 2008

2009 HIV and Tuberculosis Interaction

Visiting Professor

University of Pennsylvania

May 25, 2009

2009 DOTS: A Successful Tactic of a Failed Strategy

George Naff Lecture, Department of Medicine

Case Western Reserve University

June 6 2009

2009 HIV and Tuberculosis Co-pathogenesis

Invited moderator and speaker

Inter-CFAR HIV-TB Working Group National Meeting

Baylor College of Medicine

Houston, TX

May 2009

2009 Global Control of Tuberculosis

Visiting Professor

Wuxi Center for Disease Control

Wuxi, China

October 24, 2009

2010 Fogarty International Clinical Research Scholars and Fellows Programs

Invited Panelist

Fogarty International Center, National Institutes of Health

Potomac, MD

24 – 26 Sep, 2010

2010 Optimal Control of Tuberculosis

Invited speaker and panelist

Sixth TEPHINET Global Scientific Conference

Cape Town, South Africa

13 – 17 December 2010

2011 Epidemics of Infectious Diseases among College Students

Southern College Health Association

University Health Center, University of Georgia

18 Mar 2011

2011 Drug Resistant Tuberculosis in Asia

Visiting Professor

Wuxi Center for Disease Control

Wuxi, China

15 – 22 April 2011

2011 Treatment of HIV-Associated Tuberculosis in Africa

UGA Center for Drug Discovery

17 October 2011

2012 Effect of HIV infection on Transmission of *M. Tuberculosis* in African Households

HIV/TB Research Meeting

TB/HIV Working Group of the Stop TB Partnership

19th Conference on Retroviruses and Opportunistic Infections

Seattle, WA

5 March 2012

2012 Treatment of HIV-Associated Tuberculosis: Lessons from Global Health

Southeastern National Tuberculosis Control Program

University of Florida

Gainesville, FL

22 – 23 March, 2012

2012 Treatment of HIV-Associated Tuberculosis

University of Nebraska Medical Center

University of Nebraska

Omaha, NK

1 May 2012

2013 Global TB Control

TEDxUGA

University of Georgia

Athens, GA

22 March 2013

2013 Treatment of HIV-Associated TB with Preserved Immunity

Southeastern Tuberculosis Controllers Meeting

Savannah, GA

24 Oct 2013

2014 Mobile Technology to Promote Adherence with cART

Annual Meeting for IMPAACT (International Maternal Pediatric Adolescent AIDS Clinical Trials Network) and HIV Prevention Trials Network

Arlington, VA

18 June 2014

2015 Social Networks and the Transmission of *M. tuberculosis* in Africa

Georgia Southern University, Research Seminar

Statesboro, GA

6 March 2015

2015 HIV and Tuberculosis in Africa

Partnering for Impact in Global and Public Health Symposium

Medical University of South Carolina

Charleston, SC

3 – 4 November 2015

2016 Tuberculosis transmission and Social Networks in African Urban Settings

Department of Microbiology, Makerere University

Kampala, Uganda

11 April 2016

2018 Mapping Tuberculosis Transmission in African Urban Networks

Grand Rounds, Department of Public Health Sciences

University of Miami, Miami FL

21 Feb 2018

2018 Determining Transmission of Tuberculosis outside the Household Setting

49th Union World Conference on Lung Health

The Hague, The Netherlands

24 – 27 October 2018

2019 What’s the Problem? The Disease or Epidemic

Medical Grand Rounds

Rutgers University Medical School

7 May 2019

2019 Tuberculosis Research: Modern Approaches

Public Health Summer Scholars Program

Institute of Public and Preventive Health

Augusta University

22 May 2019

2019 Tuberculosis – what’s the problem? The Disease or the Epidemic

George W. Comstock Lecture

Johns Hopkins University School of Medicine

12 Nov 2019

2020 Invited Lecture, Tuberculosis Epidemiology

Epidemiology 542/Global Health 562

Emory University

16 Jan 2020

2020 Transmission dynamics of tuberculosis in urban Africa

Tuberculosis Research Unit

Rutgers University Medical School

29 – 30 Jan 2020

2021 Short Course on Epidemiology, Visiting Professor

Universidad del Valle de Guatemala

Guatemala City

28 Mar 2021

**Teaching Activity:**

Medical and Graduate School Teaching:

2016, 2018 Randomized Clinical Trials, EPID 8040 (45h/y; Spring semester, required course for doctoral students in Epidemiology), Department of Epidemiology and Biostatistics Core Course, College of Public Health, University of Georgia

2014 – present Integrating Research Designs, EPID 8050 (45h/y; Spring semester, required course for doctoral students in Epidemiology), Department of Epidemiology and Biostatistics Core Course, College of Public Health, University of Georgia

2012 – 2014 HIV and AIDS: A Global Perspective, EPID 8550 (45h/y; Maymester; elective for masters and doctoral students), Department of Epidemiology and Biostatistics Core Course, College of Public Health, University of Georgia

2011 – 2013 Cohort Study Designs, EPID 8010 (45h/y; required course for doctoral students in Epidemiology), Department of Epidemiology and Biostatistics Core Course, College of Public Health, University of Georgia

2009 – 2015 Introduction to Epidemiology, EPID 7010 (45 hrs/y; required course for masters in public health), Department of Epidemiology and Biostatistics Core Course, College of Public Health, University of Georgia

2008 – present Epidemiology of Infectious Diseases, EPID 8500 (45 hrs/y, elective course in graduate program), Department of Epidemiology and Biostatistics Core Course, College of Public Health, University of Georgia

2005 AIDS: Epidemiology, Biology, and Culture, ANTH 323/423

Guest lecturer

Department of Anthropology

Case Western Reserve University

1994 – 2008 Epidemiology of Infectious Diseases, EPBI 494 (45 hrs/yr, 10 students per year), Department of Epidemiology and Biostatistics

Case Western Reserve University School of Medicine

1999 – 2008 Introduction to Epidemiology, EPBI 490 (45 hrs/yr; 40 – 50 students per year); Department of Epidemiology and Biostatistics

Case Western Reserve University School of Medicine

1996 – 2008 Epidemiology of Infectious Diseases - Outbreak Investigation (1-2 hr/yr)

Mechanisms of Infection - II (Committee for second year medical students), Case Western Reserve University School of Medicine

1994 – 2003 Principles of Epidemiology in Infectious Diseases (3 -12 hrs/yr)

Annual International Health Course,

Case Western Reserve University School of Medicine

Sponsored by the Center for Global Health and Diseases

Case Western Reserve University

1995 – 2001 Infectious Disease Epidemiology, (1 hrs/yr)

Lectures to fellows in Infectious Disease Training Program,

Division of Infectious Diseases, Department of Medicine

1997 – 2008 Tuberculosis and AIDS: Interaction of an ancient and modern scourge (12 hr/yr)

Type A elective (IMMU 3002) for Infectious Disease area of concentration, Case Western Reserve University School of Medicine

1998, The World of Vaccines (3 - 15h)

2002 – 2003 Type A elective (EPBI 3001) for medical students

Case Western Reserve University School of Medicine

2002 - 2004 On Being a Professional Scientist, IBMS 500 (1 h), 2002

Center for Biomedical Ethics

Case Western Reserve University School of Medicine

1996 – 1998 Genetic Susceptibility to Infectious Diseases (2 hrs/yr)

For Genetic Basis of Common Diseases (EPBI 455; John Witte, Ph.D.),

Department of Epidemiology and Biostatistics

Case Western Reserve University School of Medicine

1999 Ethics of International Research –Clinical Trial of Preventive Therapy for Tuberculosis in HIV-Infected Ugandan Adults (2 hrs)

Cross-Cultural Ethics, Medical school Type A elective,

Center for Biomedical Ethics, Case Western Reserve University School of Medicine

1999 Case-Control Studies in Epidemiology, EPBI 491 (2.5 h),

Department of Epidemiology and Biostatistics, Case Western Reserve University School of Medicine

1998 Epidemiology of Emerging Infectious Diseases (40 hrs) ,

Course for public health field workers in Kenya

Division of Vector Borne Diseases, Kenya Ministry of Health

1992 – 1996 Infectious Disease Epidemiology (1.25 hrs/yr)

For Epidemiology: Introduction to Theory and Methods (EPBI 490)

Department of Epidemiology and Biostatistics, Case Western Reserve University

1995 – 1997 Medical Decision Making, (3 hrs/yr)

Health Care Professions (Dr. R. Ludgin),

Case Western Reserve University,

School of Law

1990 – 1995 Instructor, Clinical Epidemiology (3 - 5 hrs/yr)

Division of General Internal Medicine

Department of Medicine

Case Western Reserve University School of Medicine

1989 – 1993 Fundamentals in Medical Decision Making (5 - 8 hrs/yr)

Small group instructor for second year medical students,

Case Western Reserve University School of Medicine

1993 Survival Analysis (2.5 hrs)

Statistical Methods in Epidemiology (EPBI 491, D. Hom),

Department of Epidemiology and Biostatistics

Case Western Reserve University School of Medicine

1992 – 1993 Principles of Primary Care Medicine (1 - 3 hrs/yr)

Topics included HIV Infection in Primary Care, Clinical Research, and Health Maintenance

Ambulatory Care for Primary Care Residents (Drs. Aucott and Anderson, directors),

Division of General Internal Medicine, Department of Medicine

University Hospitals of Cleveland and Veterans Affairs Medical Center

1992 Clinical Trials in HIV Infection (1 hr)

Clinical Trials (EPBI 450, Dr. N. Gordon),

Department of Epidemiology and Biostatistics

Case Western Reserve University School of Medicine

1991 – 1992 Preceptor, Ambulatory Care Clerkship

Third year medical students

Case Western Reserve University School of Medicine

Veterans Affairs Medical Center

1988 – 1991, Instructor, Physical Diagnosis

1993 Second year medical students

Case Western Reserve University School of Medicine

1988 – 1989 Instructor, Case Conferences, Medical Clerkship

Third year medical students

Case Western Reserve University School of Medicine

1988 – 1989 Preceptor, Acting Internship in Medicine

Third year medical students

University Hospitals and Veterans Administration Medical Center

1981 – 1982 Tutor in Basic Sciences, Case Western Reserve University School of Medicine

1978 – 1980 Tutor in English, Stanford University, 1978-1980

**Mentoring and Advising students, Fellows and other Trainees: from 1990 to present**

Summary Table (full list of trainees available upon request):

|  |  |  |  |
| --- | --- | --- | --- |
| Type of Trainee | Total | US Trainees | Foreign Trainees |
| Ph.D.  Committee Chair  Committee Member | 42  23  19 | 20  10  10 | 22  13  9 |
| M.S., M.P.H., MMed | 63 | 19 | 44 |
| Post-Doctoral Fellows | 7 | 6 | 1 |
| Other (Medical students, resident or fellows) | 35 | 25 | 10 |
|  | 147 | 70 | 77 |

**Community Service or Activity:**

2015 – 2016 LifeShape, coordinate delegation to visit TB control programs in Kampala, Uganda

2014 Community Forum on Ebola Outbreak in West Africa, Coordinator, Athens, GA; Sep 2014

2006 Keynote speaker, National Honor Society Induction Ceremony, Gilmour Academy, Gates Mills, OH

5 October, 2006

2005 – present Elioda Tumwesigye Foundation, founding member Board of Trustees, Bushenyi District, Uganda

2005 Forum Panelist,

The Feminization of HIV/AIDS, Women Emerging Globally

League of Women Voters, Cuyahoga Regional Area

Trinity Commons, Cleveland, OH

May 12, 2005

2004 Guest Lecture, Statistics in Medicine

Advanced Placement Students

Brecksville-Broadview Heights and Cuyahoga Heights High Schools

21 May, 2004

2002 – 2005 Advisor, Serinya Project

Construction of primary school on Serinya island, Uganda

Wild Foundation

2000 Medicine and Health Care: The Scourge of AIDS

Uganda in Perspective: Politics, Medicine and the Church in Africa

Trinity Cathedral Cleveland

Euclid Avenue, Cleveland, OH

May 17, 2000

1997 - 2008 Health Career Enhancement Program for Minorities

Case Western Reserve University School of Medicine

Epidemiology of HIV Infection in Africa

1995 Altersgate Class (Adult Education)

Lakewood United Methodist Church, 15900 Detroit Avenue, Lakewood, OH

Role of Case Western Reserve University in Uganda

April 23, 1995

1995 Career Day, October 1995

Chippewa School, Weise Road, Brecksville, OH

1993 Daywood Homeless Program

Alcoholism Services of Cleveland, 2490 Lee Blvd., Cleveland Heights OH

In-service staff about occupational risks of tuberculosis and HIV infection in homeless shelters

**Publications:**

Masters Thesis:

The Impact of Tuberculosis on the Clinical Course of Human Immunodeficiency Virus Infection,

Case Western Reserve University, August 1992.

Thesis Committee: Jerrold Ellner, MD, C. Robert Horsburgh, MD, David Hom, MS

Articles: († Indicates student or trainee of Dr. Whalen.)

1. Foster RE, Whalen CC, Waxman S. Reorganization of the axon membrane in demyelinated peripheral nerve fibers: Morphological evidence. Science 1980; 210:661-663.
2. Wenger JD, Whalen CC, Lederman MM, et al. Prognostic factors in the acquired immunodeficiency syndrome. J Gen Intern Med 1988; 3:464-470.
3. Hricik DE, Whalen CC, Lautman J, et al. Withdrawal of steroids after renal transplantation: Clinical predictors of outcome. Transplantation 1992; 53:41-45.
4. Flanigan T, Whalen CC, Turner J, Soave R, Havlir D, Kotler D. Cryptosporidiosis in HIV infection and CD4 counts. Ann Intern Med 1992; 116:840-842.
5. Whalen CC, Antani M, Carey J, Landefeld CS. An index of symptoms for infection with human immunodeficiency virus: Reliability and validity. J Clin Epidemiol 1994; 47:537-546.
6. Kump K, Whalen C, Tishler PV, Browner I, Ferrette V, Strohl KP, Rosenberg C, Redline S. Assessment of the validity and utility of a sleep symptom questionnaire in a community sample. Am J Resp and Crit Care Med. 1994; 150:735-741.
7. Whalen C, Horsburgh CR Jr., Hom D, Lahart C, Simberkoff M, Ellner J. Accelerated course of human immunodeficiency virus infection after tuberculosis. Am J Resp and Crit Care Med. 1995; 151:129-135.
8. Okwera A, Whalen C, Byekwaso F, Vjecha M, Aisu T, Day-Lally C, Nakibali J, Edmonds K, Nyole S, Huebner R, Johnson J, Hom D, Wallis R, Daniel T, Mugerwa R, Ellner J. A randomized trial of Thiacetazone- and Rifampin- containing therapies for pulmonary tuberculosis in HIV-infected Ugandans. Lancet 1994; 344:1323-1328.
9. Wallis R, Helfand MS, Vjecha M, Whalen CC, Mugerwa R, Okwera A, Ellner JJ. Immune activation, allergic drug toxicity, and mortality in HIV-associated tuberculosis. Tubercle Lung Dis. 1996; 77: 516 - 523.
10. Loue S, Slymen D, Morgenstern H, Whalen CC. The association between health insurance and health services utilization in a cohort of AIDS patients with *Pneumocystis carrinii* Pneumonia. Journal of General Internal Medicine 1995; 10:461-463.
11. Whalen CC, Okwera A, Johnson JL, Vjecha M, Hom D, Wallis R, Mugerwa R, Ellner. Predictors of survival in HIV-infected patients with pulmonary tuberculosis. Am J Resp Crit Care Med 1996; 153:1977 - 1981.
12. Briones B, Adams N, Strauss M, Rosenberg C, Whalen CC, Carskadon M, Redline S. Relationship between sleepiness and general health status. Sleep. 1996; 19: 583 - 588.
13. Bonomo RA, Rice D, Whalen CC, Linn D, Eckstein L, Schlaes DM. Risk factors with permanent access site infection in chronic hemodialysis patients. Infection Control and Hospital Epidemiology. 1997; 18: 757 - 761.
14. Whalen C, Horsburgh CR, Lahart C, Simberkoff M, Ellner J. Site of disease and opportunistic infection predict survival in HIV-associated tuberculosis. AIDS. 1997; 11 (4): 455 - 460.
15. Hecker MT, Johnson JL, Whalen CC†, Nyole S. Mugerwa R. Ellner JJ. Two-step tuberculin skin testing in HIV-infected persons in Uganda. Am R Resp Crit Care Med 1997; 155: 81 - 86.
16. Wallis RS, Nsubuga P. Whalen CC, Mugerwa RD, Oette D, Jackson JL, Johnson JJ, Ellner JJ. Pentoxifylline in HIV-l-seropositive tuberculosis: a randomized controlled trial. J Infect Dis 1996; 174: 727 - 733.
17. Johnson JL, Okwera A, Vjecha M, Byekwaso F, Nakibali J, Nyole S, Milberg J, Aisu T, Whalen CC, Mugerwa R, Ellner JJ. Risk factors for relapse in human immunodeficiency virus type 1 infected adults with pulmonary tuberculosis. Int J Tuberc Lung Dis, 1997; 1: 446 - 453.
18. Whalen CC, Johnson JL, Okwera A, Nsubuga P, Myanja H, Kityo C, Hom DL, Milberg J, Huebner R, Mugyenyi P, Mugerwa R, Ellner JJ. A trial of three regimens to prevent tuberculosis in Ugandan adults infected with the human immunodeficiency virus. N Engl J Med 1997; 337: 801 - 808.
19. Okwera A†, Johnson JL, Vjecha MJ, Hom D, Whalen CC, Wolski K, Huebner R, Mugerwa R, Ellner JJ. Risk factors for adverse drug reactions during thiacetazone treatment of pulmonary tuberculosis in HIV-infected adults. Int J Tuberc Lung Dis, 1997; 1: 441 - 445.
20. Schwander S†, Dietrich M, Mugyenyi P. Okwera A, Johnson J. Nsubuga P. Mateega A, Tugume S. Rusch-Gerdes S. Mugerwa R. Whalen CC. Course of clinical, radiographic and immunological parameters and factors influencing survival during short-course therapy of human immunodeficiency virus type-1 associated pulmonary tuberculosis. East African Medical Journal. 1997; 74: 543 - 548.
21. Loue S, Wabwire-Mangen F, Whalen CC. Knowledge of HIV by health professionals in Kampala, Uganda. Afric J Health Sciences. 1997; 4: 1 – 3.
22. Pekovic V†, Okwera A, Vjecha M, Nsubuga P, Mugerwa R, Ellner JJ, Whalen CC. A comparison of three composite compliance indices in a trial of self-administered preventive therapy in HIV-infected adults. J Clin Epidemiol 1998; 51: 597 – 607.
23. Johnson JL, Nyole S, Okwera A, Whalen CC, Nsubuga P, Pekovic V, Huebner R, Wallis RS, Mugyenyi PN, Mugerwa RD, Ellner JJ. Instability of tuberculin and candida skin test reacitivity in HIV-infected adults in a high tuberculosis prevalence area. Am J Resp Crit Care Med, 1998; 158: 1790 – 1796.
24. Wallis RS, Johnson JL, Okwera A, Nsubuga P, Whalen CC, Mugerwa RD, Ellner JJ. Pentoxifylline in Human Immunodeficiency Virus-Positive Tuberculosis: Safety at 4 Years. J Infect Dis. 1998; 178: 1861.
25. Sang DK†, Ouma JH, John CC, Whalen CC, King CL, Mahmoud AAF, Heinzel FP. Increased levels of soluable interleukin-4 receptor in the serum of patients with visceral leishmaniasis. Journal of Infectious Diseases, 1999; 179: 743-746.
26. Olds GR, King C, Hewlett J, Olveda R, Wu G, Ouma J, Peters P, McGarvey S, Odhiambo O, Koech D, Liu CY, Aligui G, Gachihi G, Kombe Y, Parraga I, Ramirez B, Whalen C, Horton RJ, Reeve P. Double-blind placebo-controlled study of concurrent administration of albendazole and praziquantel in school children with schistosomiasis and geohelminths. J Infect Dis. 1999; 179: 996 – 1003.
27. Waibale P†, Bowlin SJ, Mortimer EA, Whalen CC. The Effect of HIV-1 Infection on Measles Immunoglobulin-G Levels in Children Vaccinated Against Measles in Uganda. International J Epidemiology 1999; 28:341 – 346.
28. Mudiddo-Musoke P†, Guwatudde D, Nakakeeto M, Bukenya G, Nsamba D, Johnson JL, Mugerwa RD, Ellner JJ, Whalen CC. The effect of BCG vaccination at birth on tuberculin skin test reactivity in Ugandan children. Int J Tuberc Lung Dis 1999; 3: 891 – 895.
29. Wabwire-Mangen F†, Gray RH, Mmiro FA, Ndugwa C, Abramowsky C, Wabinga H, Whalen CC, Li C, Saah AJ. Placental membrane inflammation and risks of maternal-to-infant transmission of HIV-1 in Uganda. J Acquir Immune Defic Syndr. 1999;22:379-85.
30. Joloba ML†, Whalen CC, Cave DM, Eisenach KD, Morrissey A, Bajaksouzian S, Feagin, Ellner JJ, Jacobs MR. Determination of Drug Susceptibility and DNA Fingerprint Patterns of Clinical Isolates of M. Tuberculosis from Kampala, Uganda. East Afr Med J. 2000;77:111-5.
31. Donskey CJ, Schreiber JR, Jacobs MR, Shekar R, Salata RA, Gordon S, Whalen CC, Smith F, Rice LB. A polyclonal outbreak of predominantly vanB vancomycin-resistant enterococci in Northeast Ohio. Clin Infect Dis, 1999; 29; 573 – 579.
32. Bonomo RA, Fiorentino M†, Salvatore A, Jacobs M, Morrisey A, Whalen CC, Salata RA. Enterobacter secies bacteremia: Factors predictive of mortality at a tertiary care institution. Infectious Diseases in Clinical Practice 2000; 9: 123 – 127.
33. Wallis RS, Perkins MD, Phillips M, Joloba M, Namale A, Johnson JL, Whalen CC, Teixeira L, Demchuk B, Dietz R, Mugerwa RD, Eisenach K, Ellner JJ. Predicting the outcome of therapy for pulmonary tuberculosis. Am J Crit Care Med. 2000; 161: 1076 – 1080.
34. Whalen CC, Nsubuga P, Okwera A, Johnson JL, Hom DL, Michael N, Mugerwa RD, Ellner JJ. Impact of pulmonary tuberculosis on survival of HIV-infected Ugandan adults. AIDS 2000; 14:1219 – 1228.
35. Johnson JL, Okwera A, Nsubuga P, Nakibali J, Whalen CC, Hom DL, Cave MD, Yang Z, Mugerwa RD, Ellner JJ. Efficacy of an eight month rifampicin-containing self-administered regimen for the treatment of pulmonary tuberculosis in HIV-infected adults. Int J Tuberc Lung Dis, 2000; 4(11): 1032 – 1040.
36. Donskey CJ, Chowdhry TK, Hecker MT, Hoyen CK, Hanrahan JA, Hujer AM, Hutton-Thomas RA, Whalen CC, Bonomo RA, Rice LB. Effect of antibiotic therapy on the density of vancomycin-resistant enterococci in the stool of colonized patients. N Engl J Med 2000;343:1925-32.
37. McComsey GA, Whalen CC , Mawhorter SD, Asaad R, Valdez H, Patki AH, Klaumunzner J, Gopalakrishna KV, Calabrese LH, Lederman MM. Placebo-Controlled Trial of Prednisone in Advanced HIV-1 Infection. AIDS, 2001; 15: 321 - 327.
38. Otieno MW, Remick SC, Whalen CC. Adult Burkitt’s lymphoma in patients with and without human immunodeficiency virus infection in Kenya. International J Cancer, 2001; 92: 687 - 691.
39. Toossi Z, Mayanja-Kizza H†, Hirsch CS, Edmonds KL, Spalingher T, Hom DL, Aung H, Ellner JJ, Whalen CC. Impact of tuberculosis on human immunodeficiency virus-1 disease. Clin Exp Immunol, 2001; 123: 233 – 238.
40. Mayanja-Kizza H†, Wajja A, Wu M, Peters P, Nalugwa G, Mubiru F, Aung H, Vanham G, Hirsch C, Whalen CC, Ellner JJ, Toossi Z. Activation of beta-chemokines and CCR5 expression in HIV-1/TB patients. J Infect Dis. 2001; 183: 1801 – 1804.
41. Mayanja-Kizza H†, Johnson JL, Hirsch C, Peters P, Surewicz K, Wu M, Nalugwa G, Mubiru F, Luzze H, Wajja A, Ellner JJ, Whalen CC, Toossi Z. Macrophage activating cytokines in HIV-1 infected and uninfected subjects with pulmonary tuberculosis. J Infect Dis. 2001; 183: 1805 - 1809.
42. Johnson JL, Okwera A†, Hom DL, Mayanja H†, Kityo CM†, Nsubuga P†, Nakibali JG, Loughlin AM, Yun H†, Mugyneyi PN, Vernon A, Mugerwa RD, Ellner JJ, Whalen CC. Duration of efficacy of treatment of latent tuberculosis infection in HIV-infected adults. AIDS 2001; 15(16): 2137 - 2147.
43. Nshuti L†, Neuhauser D, Johnson JL, Adatu F†, Whalen CC. Public and private provider’s quality of care for tuberculosis patients in Kampala, Uganda. Int J Tuberc Lung Dis 2001; 5(11): 1006 – 1012.
44. Shah S†, Whalen CC, Kotler DP, Mayanja H†, Namale A, Melikian G, Mugerwa RD, Semba RD. Severity of human immunodeficiency virus infection is associated with decreased phase angle, fat mass and body cell mass in adults with pulmonary tuberculosis infection in Uganda. J Nutrition. 2001; 131 (11): 2843 - 2847.
45. Li Q, Whalen CC, Albert JM, Larkin R, Silver RF. In vitro behavior of a panel of clinical isolates of Mycobacterium tuberculosis in human a monocyte model: Differences in rate and variability of intracellular growth, and in resistance to lymphocyte-mediated growth inhibition. Infect Immun. 2002 Nov;70(11):6489-93.
46. Joloba ML†, Bajaksouzian S. Fasola E, Whalen CC, Jacobs MR. High prevalence of carriage of antibiotic-resistant *Streptococcus Pneumonias* in children in Kampala, Uganda. Int J Antimicrob Agents. 2001; 17 (5): 395 – 400.
47. Niemann S, Rusch-Gerdes S, Joloba ML, Whalen CC, Guwatudde D, Ellner JJ, Eisenach K, Fumokong N, Johnson JL, Aisu T, Mugerwa RD, Okwera A, Schwander SK. Mycobacterium africanum Subtype II Is Associated with Two Distinct Genotypes and Is a Major Cause of Human Tuberculosis in Kampala, Uganda. Clin Microbiol 2002 Sep;40(9):3398-3405.
48. Nsubuga P†, Johnson JL, Okwera A, Mugerwa RD, Ellner JJ, Whalen CC. Gender and HIV-associated pulmonary tuberculosis: presentation and outcome at one year after beginning antituberculosis treatment in Uganda. BMC Pulmonary Medicine 2002; 2(4): 1 – 7.
49. Hoft DF, Worku S, Kampmann B, Whalen CC, Ellner JJ, HirschCS, BrownRB, Larkin R, Li Q, Yun H, Silver RF. Human BCG vaccination induces immune memory with enhanced inhibitory activity against intracellular mycobacteria. J Infect Dis. 2002; 186: 1448 - 1457.
50. Nuwaha FN, Kabatesi D, Muganwa M, Whalen CC. Factors influencing acceptability of voluntary counseling and testing for HIV in Bushenyi district of Uganda. East African Medical Journal 2002; 79: 626 – 632.
51. Bonomo R.A., M.D., Donskey C.J., M.D. , Blumer J.L., M.D., Ph.D., Hujer A.M., B.S., Hoyen C.K., M. D., Jacobs M.R., M.D., Ph.D, Whalen C.C., M.D., Salata R.A., M.D. Cefotaxime-resistant bacteria colonizing the elderly admitted to an acute care hospital. J Am Geriatric Assoc. 2003; 51: 519 - 522.
52. Stein CM†, Guwatudde D†, Nakakeeto M, Peters P, Elston RC, Tiwari HK, Mugerwa R, Whalen CC. Heritability analysis of cytokines as intermediate phenotypes of tuberculosis. J Infect Dis. 2003; 187: 1679 – 1685.
53. Guwatudde D†, Nakakeeto M, Jones-Lopez EC†, Maganda A†, Chiunda A, Mugerwa RD, Ellner JJ, Bukenya G, Whalen CC. Tuberculosis in Household Contacts of Infectious Cases in Kampala, Uganda. Am J Epidemiol. 2003; 158: 887 - 898.
54. Langi P†, Semba, R, Mugerwa R, Whalen CC. Vitamin A Deficiency and increased mortality among human immunodeficiency virus-infected adults in Uganda. Nutrition Research 2003; 23: 595 - 605.
55. Guwatudde D†, Zalwango S, Kamya MR, Debanne SM, Diaz MI, Okwera A, Mugerwa RD, King C, Whalen CC. Burden of tuberculosis in Kampala, Uganda. Bull WHO, 2003; 81: 799-805.
56. Wallis R.S., Kyambadde P., Johnson J.L., Horter L., Kittle R., Pohle M., Ducar C., Millard M., Mayanja-Kizza H.,Whalen CC, Okwera A. A study of the safety, immunology, virology, and microbiology of adjunctive etanercept in HIV-1-associated tuberculosis. AIDS 2004; 18: 1 – 8.
57. Richard N, Juntilla M†, Abraha A, Demers K, Paxinos E, Galovich J, Petropoulos C, Whalen CC, Kyeyune F, Atwine D, Kityo C, Mugyenyi P, Arts EJ. High prevalence of antiretroviral resistance in treated Ugandans infected with non-subtype B human immunodeficiency virus type 1. AIDS Res Hum Retroviruses. 2004 Apr;20(4):355-64.
58. Van Lettow M, Kumwenda JJ, Harries AD, Whalen CC, Taha TE, Kumwenda N, Kang'ombe C, Semba RD. Malnutrition and the severity of lung disease in adults with pulmonary tuberculosis in Malawi. Int J Tuberc Lung Dis. 2004 Feb;8(2):211-7.
59. Guwatudde D†, Debanne SM, Diaz M, King C, Whalen CC. A re-examination of the potential impact of preventive therapy on the public health problem of tuberculosis in contemporary sub-Saharan Africa. Preventive Medicine, 2004; 39(5): 1036 – 1046.
60. Mwanda OW, Rochford, Moormann AM, MacNeil A, Whalen C, Wilson. Burkitt’s lymphoma in Kenya: geographical, age, gender, and ethnic distribution. East Afr Med J. 2004 (supplement): 68 – 77.
61. Mwanda OW, Whalen C, Remick S, Lederman M, Orem J, Banura C. Anatomical site predilections of non-Hodgkin’s lymphoma in human immunodeficiency virus infection: a report of 54 cases. East Afr Med J 2004 (supplement): 90 – 96.
62. Bajunirwe F†, Massaquoi I†, Asiimwe S†, Kamya MR, Arts EJ, Whalen CC. Effectiveness of nevirapine and zidovudine in a pilot program for the prevention of mother-to-child transmission of HIV-1 in Uganda. Afr Health Sci. 2004; 4(3): 156 – 154.
63. Mwanda WO†, Fu P, Collea R, Whalen CC, Remick SC. Kaposi’s sarcoma in patients with and without human immunodeficiency virus infection in a tertiary referral center in Kenya. Ann Trop Med and Parasitol, 2005; 99 (1): 81 – 91.
64. Orem J†, Mwanda WO†, Banura C†, Katongole-Mbidde E, Johnson JL, Ayers L, Ghannoum M, Fu P, Feigal EG, Black J, Whalen CC, Lederman M, Remick SC. Capacity building for the clinical investigation of AIDS malignancy in East Africa. Cancer Detection and Prevention 2005: 29(5): 133 - 145.
65. Mayanja-Kizza H†, Jones-Lopez E†, Okwera A, Wallis RS, Ellner JJ, Mugerwa RD, Whalen CC. Immunoadjuvant therapy for HIV-associated tuberculosis with Prednisolone: a phase II clinical trial in Uganda. JID 2005; 191: 856 – 65.
66. Kayanja H†, King C, Debanne SM, Whalen CC. Tuberculosis infection among health care workers in Kampala, Uganda. J Tuberc Lung Dis 2005; 9 (6): 686 - 688.
67. Iriso R, Mudido PM, Karamagi C, Whalen C. The diagnosis of childhood tuberculosis in an HIV-endemic setting and the use of induced sputum. Int J Tuberc Lung Dis 2005; 9 (7): 716 – 726.
68. Rojas RE, Chervenak KA, Thomas J, Morrow J, Nshuti L, Zalwango S, Thiel BA, Whalen CC, Boom WH. V2+ T cell function in Mycobacterium tuberculosis and HIV-1 infected persons in the United States and Uganda: application of a whole blood assay. J Infect Dis 2005; 192: 1806 – 1814.
69. Stein CM, Chiunda A, Nshuti L, Zalwango S, Elston RC, Boom WH, Mugerwa RD, Iyengar SK\*, Whalen CC\*. Evidence for a major gene influence on tumor necrosis factor- expression in tuberculosis: path and segregation analysis. (\* Shared senior authorship) Human Heredity 2005; 60: 109 - 118.
70. Katamba A†, Neuhauser D, Smyth K, Adatu F†, Katabira E, Whalen CC. Patient assessment of the stigma associated with the use of community-based directly observed therapy (DOT) in Uganda. East Afr Med J 2005; 82(7): 337 - 342.
71. Okwera A, Johnson JL, Luzze H†, Nsubuga P, Kayanja H, Cohn DL, Nunn P, Ellner JJ, Whalen CC, Mugerwa RD. Comparison of intermittent ethambutol with rifampicin-based regimens in HIV-infected adults with PTB, Kampala. Int J Against Tuberc Lung Dis, 2006; 10 (1): 39 - 44.
72. Jones-Lopez, E†, Okwera A, Johnson JL, Ellner JJ, Mugerwa RD, Whalen CC. Delayed-type Hypersensitivity and survival in HIV-infected patients in Uganda. Am J Trop Med Hyg. 2006; 74(1): 154 – 161.
73. Whalen CC, Chiunda A, Zalwango S, Maganda A, Nshuti L†, Okwera A, Hirsch C, Peters P, Jones-Lopez E†, Boom WH, Mugerwa RD. Risk Factors for Acute *M. tuberculosis* Infection in Household Contacts in Kampala, Uganda. Am J Trop Med Hyg. 2006; 75: 55 - 61.
74. Satayathum SA†, Muchiri EM, Ouma JH, Whalen CC, King CH. Factors affecting the time to infection or reinfection with Schistosoma haematobium among school-aged children in coastal Kenya: survival analysis of infection outcomes during a nine-year treatment program. Am J Trop Med Hyg. 2006; 75 (1): 83 - 92.
75. Theus S, Cave DM, Eisenach K, Walrath J, Lee H, Mackay W, Whalen CC, Silver RF. Difference in the growth of paired Ugandan isolates of Mycobacterium tuberculosis within human mononuclear phagocytes correlates with epidemiologic evidence of strain virulence. Infect Immun. 2006; 74: 6865 - 6876.
76. Rodríguez B, Sethi AK, Cheruvu VK, Mackay W, Bosch RJ, Kitahata M, Boswell SL, Matthews C, Bangsberg D, Martin J, Whalen CC, Sieg S, Yadavalli S, Deeks S, Lederman MM. Predictive value of plasma HIV RNA level on rate of CD4 T-cell decline in untreated HIV infection. JAMA. 2006; 296: 1498 - 1506.
77. Lim HJ†, Okwera A, Mayanja-Kizza H†, Ellner JJ, Mugerwa RD, Whalen CC. Effect of tuberculosis preventative therapy on HIV disease progression and survival in HIV-infected adults. HIV Clin Trials. 2006; 7: 172 – 183.
78. Blossom DB†, Namayanja\_Kaye G, Nankya-Mutyoba J, Mukasa JB, Bakka H, Rwambuya S, Windau A, Bajaksouzian S, Walker CJ, Joloba ML†, Kityo C, Mugyenyi P, Whalen CC, Jacobs MR, Salata RA. Oropharyngeal colonization by Streptococcus pneumoniae among HIV-infected adults in Uganda: assessing prevalence and antimicrobial susceptibility. Int J Infect Dis. 2006 Sep 22 (ePub).
79. Muhumuza J, Asiimwe BB, Kayes S, Mugyenyi P, Whalen C, Mugerwa RD, Boom WH, Eisenach KD, Joloba ML. Introduction of an in-house PCR for routing identification of M. tuberculosis in a low-income country. Int J Tuberc Lung Dis 2006; 10 (11): 1262 – 1267.
80. Srikantiah P, Lin R, Walsimbi M, Okwera A, Luzze H†, Whalen CC, Boom WH, Havlir DV, Charlebois ED. Elevated HIV seroprevalence and risk behavior among Ugandan TB suspects: implications for HIV testing and prevention. Int J Tuberc Lung Dis. 2007; 11(2): 168 – 174.
81. Ellis RJ, Zhou H†, Kaminsky DA, Fu Pingfu, Kim EY, Sodee DB, Colussi V, Spirnak JP, Whalen CC, Resnick MI. Rectal morbidity after permanent prostate brachytherapy with dose escalation to biologic target volumes identified by SPECT/CT. Brachytherapy 2007; 6: 149 – 156.
82. Stein CM†, Zalwango S, Chiunda AB, Millard C, Leonitev DV, Horvath AL, Cartier KC, Chervenak K, Boom WH, Elston RC, Mugerwa RD, Whalen CC\*, Iyengar SK\*. Linkage and association analysis of candidate genes for TB and TNF cytokine expression: evidence for association with IFNGR1, IL-10, and TNF receptor 1 genes. Hum Genet 2007; 121: 633 – 673. (\*share senior authorship)
83. Blossom DB†, Cordeiro SM, Bajaksouzian S, Joloba ML, Kityo C, Whalen CC, Salata RA, Jacobs MR. Characterization of penicillin intermediate serotypes of Streptococcus pneumoniae carried by human immunodeficiency virus-infected adults and healthy children in Uganda. Microb Drug Resist. 2007 13(10): 21 – 28.
84. Blossom DB†, Beigi RH, Farrell JJ, Mackay W, Brown DR, Rwambuya S, Walker CJ, Kambugu FS, Abdul-Karim FW, Whalen CC, Salata RA. Human papillomavirus genotypes associated with cervical cytologic abnormalities and HIV infection in Ugandan women. J Med Virol 2007; 79(6): 758 – 765.
85. Kasehagen LJ†, Kiniboro B, Lorry K, Bockarie MJ, Reeder JC, Kazura JW, Kastens W, McNammara DT, King CH, Whalen CC, Zimmerman PA. Reduced *Plasmodium vivax* erythrocyte infection in Papua New Guinea Duffy-negative heterozygotes. PLoS ONE.2007 Mar 28; 2: e 336.
86. Semba RD, Kumwenda J, Zijlstra E, Ricks MO, van Lettow M, Whalen CC, Clark TD, Jorgensen L, Kohler J, Kumwenda N, Taha TE, Harries AD. Micronutrient supplements and mortality of HIV-infected adults with pulmonary TB: a controlled clinical trial. Int J Tuberc Lung Dis 2007; 11 (8): 854 – 859.
87. Meya DB†, Katabira E, Otim MA, Ronald A, Colebunders R, Njama D, Mayanja-Kizza H, Whalen CC, Sande M. Functional adrenal insufficiency among critically ill patients with human immunodeficiency virus in resource-limited setting. Afr Health Sci 2007; 7(2): 101 – 107.
88. Srikantiah P, Walsimbi MN, Kayanja HK, Mayanja-Kizza H, Mugerwa RD, Lin R, Chalebois ED, Boom WH, Whalen CC, Havlir DV. Early virological response of zidovudine/lamivudine abacavir for patients co-infected with HIV and tuberculosis in Uganda. AIDS 2007; 21: 1972 – 1974.
89. Zhou EH†, Ellis RJ, Cherullo E, Colussi V, Xu F, Chen WD, Gupta S, Whalen CC, Bodner D, Resnick MI, Rimm AA, Koroukian SM. Radiotherapy and survival in prostate cancer patients: a population-based study. Int J Radiat Oncol Biol Phys 2008 Aug (epub ahead of print).
90. Troyer RM, Lalonde MS, Fraundorf E, Demers KR, Kyeyune F, Mugyenyi P, Syed A, Whalen CC, Bajunirwe F†, Arts EJ. A radiolabeled oligonucleotide ligation assay demonstrates the high frequency of nevirapine resistance mutations in HIV type 1 quasispecies of NVP-treated and untreated mother-infant pairs from Uganda. AIDS Res Hum Retroviruses. 2008; 24 (2): 235 – 250.
91. Asiimwe S†, Tumwesigye E, Whalen CC, Sethi A. Prevalence and Predictors of High-risk Human Papilloma Virus Infection in a Population-based Sample of Women in Rural Uganda Int J of STD AIDS 2008; 19: 605 -610.
92. Lewinsohn DA, Zalwango S, Stein C, Mayanja-Kizza H, Boom WH, Mugerwa RD, Whalen CC. Whole Blood Interferon-gamma Responses to *Mycobacterium tuberculosis* Antigen in Young Household Contacts of Infectious Tuberculosis in Kampala, Uganda. PLoSONE 2008; 3: e3407.
93. Srikantiah P, Wong JK, Liegler T, Walusimbi M, Mayanja-Kizza H, Mugerwa RD, Charlebois ED, Boom WH, Whalen CC, Havlir DV. J Acquir Immune Defic Syndr 2008; 49: 458 – 460.
94. Stein CM†, Zalwango S, Malone LL, Woo S, Mayanja-Kizza H, Mugerwa RD, Leontiev DV, Thompson CL, Cartier KC, Elston RC, Iyengar SK, Boom WH, Whalen CC. Genome scan of M. tuberculosis infection and disease in Ugandans. PLoS ONE 2008; 3 (12): e4094.
95. Mwanda WO, Orem J, Fu P, Banura C, Kakembo J, Onyango CA, Reynolds S, Johnson JL, Subbian V, Bako J, Wabinga H, Abdallah FK, Meyerson HJ, Ayers LW, Whalen CC, Lederman ML, Black J, Bhatia K, Katongole-Mbidde E, Remick SC. Dose-modified oral chemotherapy in the treatment of AIDS-related Non-Hodgkin’s lymphoma in East Africa. J Clin Oncology 2009; 27 (21): 3480 - 3488.
96. Sekandi JN†, Neuhauser D, Smyth K, Whalen CC. Active case finding of undetected tuberculosis among chronic coughers in a slum setting in Kampala, Uganda. Int J Tuberc Lung Dis 2009; 13 (4): 508 – 513.
97. Vernon LT†, Demko CA, Whalen CC, Lederman MM, Toossi Z, Wu M, Han YW, Weinberg A. Characterizing traditionally defined periodontal disease in HIV+ adults. Community Dent Oral Epidemiol 2009; 37(5): 427 – 437.
98. Kiwanuka N†, Robb M, Laeyendecker O, Kigozi G, Wabwire-Mangen F, Makumbi FE, Nalugoda F, Kagaayi J, Eller M, Eller LA, Serwadda D, Sewankambo NK, Reynolds SJ, Quinn TC, Gray RH, Wawer MJ, Whalen CC. HIV-1 viral subtype differences in the rate of CD4+ T-cell decline among HIV seroincident antiretroviral naïve persons in Rakai District, Uganda. JAIDS 2010; 54: 180 – 184.
99. Mupere E†, Zalwango S†, Chiunda A, Okwera A, Mugerwa R, Whalen CC. Body composition among HIV-seropositive and HIV-seronegative adult patients with pulmonary tuberculosis in Uganda. Ann Epidemiol 2010; 20 (3): 210 – 216.
100. Mahan CS, Walusimbi M†, Johnson DF, Lancioni C, Charebois, Baseke J, Chervenak KA, Mugerwa RD, Havlir DV, Mayanjan-Kizza H, Whalen CC, Boom WH. Tuberculosis treatment in HIV-infected Ugandans with CD4 Counts > 350 cells/mm3 reduces immune activation with no effect on HIV load or CD4 count. PLoS ONE 2010; 5(2): e9138.
101. Mugwanya K†, Baeten J, Nakku-Joloba E, Katabira E, Celum C, Whalen CC. Knowledge and attitudes concerning male circumcision for HIV-1 prevention among heterosexual HIV-1 sero-discordant couples in Kampala, Uganda. AIDS and Behavior 2010; 14 (5): 1190 - 1197.
102. Chamie G, Charlebois ED, Srikantiah P, Walusimbi-Nanteza M†, Mugerwa RD, Mayanja-Kizza H, Okwera A, Whalen CC, Havlir DV. *Mycobacterim tuberculosis* micrbiologic and clinical treatment outcomes in a randomized trial of immediate vs CD4+ initiated antiretroviral therapy in HIV-infected adults with high CD4+ T cell counts. Clin Infect Dis 2010; 51: 359 – 362.
103. Chamie G, Luetkemeyer A, Walusimbi-Nanteza M, Okwera A, Whalen CC, Mugerwa RD, Havlir DV, Charlebois ED. Significant variation in presentation of pulmonary tuberculosis across a high resolution of CD4 strata. Int J Tuberc Lung Dis. 2010; 14 (10): 1295 – 302.
104. Mackellar DA†, Hou SI, Whalen CC, Samuelsen K, Valleroy LA, Secura GM, Behel S, Bingham T, Celentano DD, Koblin BA, Lalota M, Shehan D, Thiede H, Torian LV. A plausible causal model of HAART-efficacy beliefs, HIV/AIDS complacency, and HIV-acquisition risk behavior among young men who have sex with men. AIDS Behav. 2010; in press.
105. Lingappa J, Nakku-Joloba E†, Magaret A, Friedrish D, Dragavon J, Kambugu F, Joloba M†, Whalen CC, Coombs E, Celum C, Ashley Morrow R. Sensitivity and specificity of herpes simples virus-2 serological assays among HIV-infected and uninfected urban Ugandans. Int J ATD AIDS, in press.
106. Dickman KR†, Nagyonga L, Kateete DP, Katabazi FA, Asiimwe BB, Mayanga H, Okwera A, Whalen CC, Joloba ML. Detection of multiple strains of Mycobacterium tuberculosis using MIRU-VNTR in patients with pulmonary tuberculosis in Kampala, Uganda. BMC Infectious Diseases. 2010; 10: 349.
107. Mackellar DA†, Hou SI, Whalen CC, Samuelsen K, Sanchez T, Smith A, Denson D, Lansky A, Sullivan P. Reasons for not HIV testing: Intentions and potential use of an over-the-counter rapid HIV test in an internet sample of men who have sex with men who have never tested for HIV. Sex Trans Dis. 2010 in press.
108. Whalen CC, Zalwango S†, Chiunda A, Malone L, Eisenach K, Joloba ML, Boom WH, Mugerwa RD. Secondary attack rate of tuberculosis in urban households in Kampala, Uganda. PLoS ONE 2011 14; 6(2): e16137.
109. Lancioni CL, Mahan CS, Johnson DF, Walusimbi M, Chervenak KA, Nalukwago S, Charlebois E, Havlir D, Mayanja-Kizza H, Whalen CC, Boom WH. The immunologic benefits of TB therary in HIV/TB co-infection are not enhanced by the addition of antiretroviral therapy in persons with CD4+ > 350 cells/L. J Infect Dis 2011; 203: 992 – 1001.
110. Mugwanya KK†, Whalen CC, Celum C, Nakku-Joloba E, Katabira E, Baeten JM. Circumcision of male children for reduction of future risk for HIV: Acceptability among HIV serodiscordant couples.PLoS One 2011; 6(7):e2254.

1. Mafigiri DK†, McGrath JW, Whalen CC. Task shifting for tuberculosis control: a qualitative study of community-based directly observed therapy in urban Uganda. Glob Public Health, 2011. Global Public Health 2011; epub.
2. Nabyonga L, Kateete D, Katabazi FA, Odong PR, Whalen CC, Dickman KR†, Joloba ML. Determination of circulating Mycobacterium tuberculosis strains and transmission patterns among pulmonary TB patients in Kawempe municipality, Uganda, using MIRU-VNTR. BMC Research Notes 2011; 4: 280. doi:10.1186/1756-0500-4-280.
3. Mackellar DA†, Hou SI, Whalen CC, Samuelsen K, Valleroy LA, Secura GM, Behel S, Bingham T, Celentano DD, Koblin BA, Lalota M, Shehan D, Thiede H, Torian LV, for the Young Men’s Survey Study Group. HIV/AIDS complacency and HIV infection among young men who have sex with men and the race-specific influence of underlying HAART beliefs. Sex Transm Dis. 2011; 38 (8): 755 - 763.
4. Nanteza MW†, Mayanja-Kizza H†, Charlebois E, Srikantiah P, Lin R, Mupere E†, Mugyenyi P, Boom WH, Mugerwa RD, Havlir DV, Whalen CC. A randomized trial of punctuated antiretroviral therapy in Ugandan HIV seropositive adults with pulmonary tuberculosis and CD4+ T cell counts ≥ 350 cells/L. JID 2011; 204: 884 - 892.
5. Sekandi JN†, Sempeera H, List J, Asiimwe S, Yin X, Whalen CC. High acceptance of home-based HIV counseling and testing in an urban community setting in Uganda. BMC Public Health 2011; 11: 730.
6. Zullo MD†, Jackson JW, Whalen CC, Dolansky MA. Evaluation of the recommended core components of cardiac rehabilitation practice: an opportunity for quality improvement. J Cardiopulm Rehabil Prev. 2012; 32 (1): 32 – 40.
7. Mahan CS, Zalwango S, Thiel BA, Malone LL, Chervenak KA, Baseke J, Dobbs D, Stein CM, Mayanja H, Joloba M, Whalen CC, Boom WH. Innate and adaptive immunie responses during acute M. tuberculosis infection in adult household contacts in Kampala, Uganda. Am J Trop Med Hyg. 2012; 86 (4): 690 – 697.
8. Mupere E†, Malone L, Zalwango S, Chiunda A, Okwera A, Parraga I, Stein CM, Tisch DJ, Mugerwa R, Boom WH, Mayanga H, Whalen CC. Lean tissue mass wasting is associated with increased risk of mortality among women with pulmonary tuberculosis in urban Uganda. Ann Epid, 2012; 22(7): 466 – 473.
9. Sekandi JN†, Sempeera H, List J, Whalen C. Missed opportunity for tuberculosis case detection in household contacts in a high burden setting. Pan Afr Med J. 2012. 12:8 Epub.
10. Kerkhoff AD, Kranzer K, Samandari T, Nakiyingi-Miiro J, Whalen CC, Harries AD, Lawn SD. Systematic review and meta-analysis of tuberculin skin test responses in HIV-infected patients in under-resourced settings: implications for isoniazid preventive therapy. PLoS One. 2012; 7(11); e49928. doi: 10.1371/journal.pone.0049928.
11. Mupere E†, Parraga IM, Tisch DJ, Mayanja HK, Whalen CC. Low nutrient intake among adult women and patients with severe tuberculosis diseases in Uganda: a cross-sectional study. BMC Public Health. 2012:12: 1050. doi: 10.1186/1471-2458-12-1050.
12. Luzze H†, Johnson DF, Dickman K, Mayanja-Kizza H, Okwera A, Eisenach K, Cave MD, Whalen CC, Johnson JL, Boom WH, Joloba M; Tuberculosis Research Unit. [Relapse more common than reinfection in recurrent tuberculosis 1-2 years post treatment in urban Uganda.](http://www.ncbi.nlm.nih.gov/pubmed/23407224) Int J Tuberc Lung Dis. 2013 Mar;17(3):361-7. doi: 10.5588/ijtld.11.0692.
13. Toossi Z, Funderburg NT, Sirdeshmuk S, Whalen CC, Nateza MW, Johnson DF, Mayanja-Kizza H, Hirsch CS. Systemic immune activation and microbial translocation in dual HIV/TB infected subjects. J Infect Dis. 2013; 207 (12): 1841 - 1849. doi: 10.1093/infdis/jit092.
14. Sims OT†, Whalen CC, Nackerud LG, Bride BE. Birth cohort testing for hepatitis C virus: implications for clinical social workers in health care settings. Soc Work Health Care. 2013; 52(8):689-703. doi: 10.1080/00981389.2013.806385.
15. Sims OT†, Whalen CC, Nackerud LG, Bride BE. Longitudinal Effects of Selective Serotonin Reuptake Inhibitor Therapy and Cytokine-Related Depression on Hepatitis C Viral Logs During Antiviral Therapy.J Clin Psychopharmacol. 2013 Oct 16.(in press).
16. Okwera A†, Bwanga F, Najjingo I, Mulumba Y, Mafigiri DK, Whalen CC, Joloba ML. Aetiology of pulmonary symptoms in HIV-infected smear negative recurrent pulmonary tuberculosis suspects in Kampala, Uganda: A cross-sectional study. PLoS One 2013. Dec 3;8(12):e82257. doi: 10.1371/journal.pone.0082257.
17. Sekandi JN†, List J, Luzze H, Yin XP, Dobbin K, Corso PS, Oloya J, Okwera A, Whalen CC. Yield of undetected tuberculosis and human immunodeficiency virus coinfection from active case finding in urban Uganda. Int J Tuberc Lung Dis 2014; 18 (1): 13 – 19. doi: 10.5588/ijtld.13.0129.
18. Mupere E†, Malone L, Zalwango S, Okwera A, Nsereko M, Tisch DJ, Parraga IM, Stein CM, Mugerwa R, Boom WH, Mayanja HK, Whalen CC. [Wasting among Uganda men with pulmonary tuberculosis is associated with linear regain in lean tissue mass during and after treatment in contrast to women with wasting who regain fat tissue mass: prospective cohort study.](http://www.ncbi.nlm.nih.gov/pubmed/24410970) BMC Infect Dis. 2014; 14 (1): 24 (epub).
19. Asiimwe S†, Oloya J, Song X, Whalen CC. Accuracy of unsupervised versus provider-supervised self-administered HIV testing in Uganda: A randomized implementation trial. AIDS Behavior. 2014; 18 (12): 2477 – 2488. doi: 10.1007/s10461-014-0765-4. PMID: 24691923
20. Zhu, L., Liu Q, Martinez L†, Shi J, Chen C, Shao Y, Zhong C, Song H, Li G, Ding X, Zhou Y, Zhu L, Whalen CC, Lu W., Diagnostic Value of GeneChip for Detection of Resistant Mycobacterium tuberculosis in Patients with Differing Treatment Histories. J Clin Microbiol, 2015. 53(1): p. 131-5. doi: 10.1128/JCM.02283-14. Epub 2014 Oct 29. PMID: 25355771
21. Zheng N†, Whalen CC, Handel A. Modeling the potential impact of host population survival on the evolution of M. tuberculosis latency. PLoS One. 2014; 9 (8): :e105721. doi: 10.1371/journal.pone.0105721. eCollection 2014. PMID: 25157958
22. Sekandi JN†, Dobbin K, Oloya J, Okwera A, Whalen CC, Corso PS. [Cost-effectiveness analysis of community active case finding and household contact investigation for tuberculosis case detection in urban Africa.](http://www.ncbi.nlm.nih.gov/pubmed/25658592) PLoS One. 2015 Feb 6;10(2):e0117009. doi: 10.1371/journal.pone.0117009.
23. Nakku-Joloba E†, Waubire J, Kambugu F, Kimeze J, Salata R, Albert JM, Rimm A, Whalen CC. Sero-revalence of herpes simplex type 2 virus and HIV infection in Kampala, Uganda. African Journal of Health Sciences, 2015, in press.
24. Ma MJ, Yang Y, Wang HG, Zhu YF, Fang LQ, Wan KL, Whalen CC, Yang XX, Lauzardo M, Zhang ZY, Cao JF, Tong YG, Dai EH, Cao WC. Transmissibility of tuberculosis among school contacts: An outbreak investigation in a boarding middle school in China. Infect Genet Evol 2015; pii: S1567-1348(15)00070-2. doi: 10.1016/j.meegid.2015.03.001. PMID: 25757905
25. Okwera A†, Mafigiri DK, Guwatudde D, Whalen CC, Joloba M. Level of understanding of co-trimoxazole use among HIV-infected, recurrent pulmonary tuberculosis suspects at a national referral tuberculosis clinic in Kampala, Uganda: a qualitative analysis. African Health Sciences. 2015; 15 (1): 49 – 57.
26. Kizza FN†, List J, Nkwata AK, Okwera A, Ezeamama AE, Whalen CC, Sekandi JN. [Prevalence of latent tuberculosis infection and associated risk factors in an urban African setting.](http://www.ncbi.nlm.nih.gov/pubmed/25879423) BMC Infect Dis. 2015;15:165. doi: 10.1186/s12879-015-0904-1. PMID: 25879423
27. Kayina V, Kyobe S, Katabazi FA, Kigozi E, Okee M, Odongkara B, Babikako HM, Whalen CC, Joloba ML, Musoke PM, Mupere E. Pertussis prevalence and its determinants among children with persistent cough in urban Uganda. PLoS One. 2015;10(4):e0123240. doi: 10.1371/journal.pone.0123240. PMID: 25874411
28. Ezeamama AE, Mupere E, Oloya J, Martinez L, Kakaire R, Yin X, Sekandi JN, Whalen CC. [Age, sex, and nutritional status modify the CD4+ T-cell recovery rate in HIV-tuberculosis co-infected patients on combination antiretroviral therapy.](http://www.ncbi.nlm.nih.gov/pubmed/25910854) Int J Infect Dis. 2015;35:73-79. doi: 10.1016/j.ijid.2015.04.008. PMID: 25910854
29. Sekandi JN†, Zalwango S, Martinez L, Handel A, Kakaire R, Nkwata AK, Ezeamama AE, Kiwanuka N, Whalen CC. Four degrees of separation: Social contacts and health providers influence the steps to final diagnosis of active tuberculosis patients in Urban Uganda. BMC Infect Dis 2015; 15:361. doi: 10.1186/s12879.
30. Ezeamama, A. E., C. L. He, Y. Shen, X. P. Yin, S. C. Binder, C. H. Campbell, Jr., S. Rathbun, C. C. Whalen, E. K. N'Goran, J. Utzinger, A. Olsen, P. Magnussen, S. Kinung'hi, A. Fenwick, A. Phillips, J. Ferro, D. M. Karanja, P. N. Mwinzi, S. Montgomery, W. E. Secor, A. Hamidou, A. Garba, C. H. King and D. G. Colley. Gaining and sustaining schistosomiasis control: study protocol and baseline data prior to different treatment strategies in five African countries. BMC Infect Dis. 2016;16: 229.
31. Ezeamama, A. E., F. N. Kizza, S. K. Zalwango, A. K. Nkwata, M. Zhang, M. L. Rivera, J. N. Sekandi, R. Kakaire, N. Kiwanuka and C. C. Whalen. Perinatal HIV Status and Executive Function During School-Age and Adolescence: A Comparative Study of Long-Term Cognitive Capacity Among Children From a High HIV Prevalence Setting. Medicine (Baltimore) 2016; 95(17): e3438.
32. Martinez L†, J. N. Sekandi, M. E. Castellanos, S. Zalwango and C. C. Whalen. Infectiousness of HIV Seropositive Tuberculosis Patients in a High-burden African Setting. Am J Respir Crit Care Med. 2016; 194 (9): 1152 - 1163.
33. Mutembo S†, Mutanga JN, Musokotwane K, Alisheke L, Whalen CC. Antiretroviral therapy improves survival among TB-HIV co-infected patients who have CD4+ T-cell count above 350cells/mm3. BMC Infect Dis [Internet]. 2016 Oct 17 [cited 2018 Feb 23];16(1):572. Available from: http://www.ncbi.nlm.nih.gov/pubmed/27751168
34. Zalwango, S. K., F. N. Kizza, A. K. Nkwata, J. N. Sekandi, R. Kakaire, N. Kiwanuka, C. C. Whalen and A. E. Ezeamama. Psychosocial adjustment in perinatally human immunodeficiency virus infected or exposed children - a Retrospective Cohort Study. J Int AIDS Soc 2016;19(1): 20694.
35. Houben RMGJ, Menzies NA, Sumner T, Huynh GH, Arinaminpathy N, Goldhaber-Fiebert JD, Lin HH, Wu CY, Mandal S, Pandey S, Suen SC, Bendavid E, Azman AS, Dowdy DW, Bacaër N, Rhines AS, Feldman MW, Handel A, Whalen CC, Chang ST, Wagner BG, Eckhoff PA, Trauer JM, Denholm JT, McBryde ES, Cohen T, Salomon JA, Pretorius C, Lalli M, Eaton JW, Boccia D, Hosseini M, Gomez GB, Sahu S, Daniels C, Ditiu L, Chin DP, Wang L, Chadha VK, Rade K, Dewan P, Hippner P, Charalambous S, Grant AD, Churchyard G, Pillay Y, Mametja LD, Kimerling ME, Vassall A, White RG. Feasibility of achieving the 2025 WHO global tuberculosis targets in South Africa, China, and India: a combined analysis of 11 mathematical models. Lancet Glob Health. 2016 Nov;4(11):e806-e815. doi: 10.1016/S2214-109X(16)30199-1. Epub 2016 Oct 6. PubMed PMID: 27720688.
36. Menzies NA, Gomez GB, Bozzani F, Chatterjee S, Foster N, Baena IG, Laurence YV, Qiang S, Siroka A, Sweeney S, Verguet S, Arinaminpathy N, Azman AS, Bendavid E, Chang ST, Cohen T, Denholm JT, Dowdy DW, Eckhoff PA, Goldhaber-Fiebert JD, Handel A, Huynh GH, Lalli M, Lin HH, Mandal S, McBryde ES, Pandey S, Salomon JA, Suen SC, Sumner T, Trauer JM, Wagner BG, Whalen CC, Wu CY, Boccia D, Chadha VK, Charalambous S, Chin DP, Churchyard G, Daniels C, Dewan P, Ditiu L, Eaton JW, Grant AD, Hippner P, Hosseini M, Mametja D, Pretorius C, Pillay Y, Rade K, Sahu S, Wang L, Houben RMGJ, Kimerling ME, White RG, Vassall A. Cost-effectiveness and resource implications of aggressive action on tuberculosis in China, India, and South Africa: a combined analysis of nine models. Lancet Glob Health. 2016 Nov;4(11):e816-e826. doi: 10.1016/S2214-109X(16)30265-0. Epub 2016 Oct 6. PubMed PMID: 27720689; PubMed Central PMCID: PMC5527122.
37. Martinez L†, Castellanos ME, Hallowell BD, Whalen CC. Innovative Methods to Manage, Detect, and Prevent Tuberculosis. Am J Respir Crit Care Med. 2017 Feb 15;195(4):530-532. doi: 10.1164/rccm.201608-1657RR. PubMed PMID: 27911589.
38. Martinez L†, Xu L, Chen C, Sekandi JN, Zhu Y, Zhang C, Whalen CC, Zhu L. Delays and Pathways to Final Tuberculosis Diagnosis in Patients from a Referral Hospital in Urban China. Am J Trop Med Hyg. 2017 May;96(5):1060-1065. doi:10.4269/ajtmh.16-0358. Epub 2017 Feb 13. PubMed PMID: 28193742; PubMed Central PMCID: PMC5417195.
39. Shen Y, King CH, Binder S, Zhang F, Whalen CC, Evan Secor W, Montgomery SP, Mwinzi PNM, Olsen A, Magnussen P, Kinung'hi S, Phillips AE, Nalá R, Ferro J, Aurelio HO, Fleming F, Garba A, Hamidou A, Fenwick A, Campbell CH Jr, Colley DG. Protocol and baseline data for a multi-year cohort study of the effects of different mass drug treatment approaches on functional morbidities from schistosomiasis in four African countries. BMC Infect Dis. 2017 Sep 29;17(1):652. doi: 10.1186/s12879-017-2738-5. PubMed PMID: 28962552; PubMed Central PMCID: PMC5622450.
40. Martinez L†, Shen Y, Mupere E, Kizza A, Hill PC, Whalen CC. Transmission of Mycobacterium Tuberculosis in Households and the Community: A Systematic Review and Meta-Analysis. Am J Epidemiol. 2017 Jun 15;185(12):1327-1339. doi:10.1093/aje/kwx025. Review. PubMed PMID: 28982226.
41. Martinez L†, Handel A, Shen Y, Chakraburty S, Quinn FD, Stein CM, Malone LL, Zalwango S, Whalen CC. A Prospective Validation of a Clinical Algorithm to Detect Tuberculosis in child Contacts. Am J Respir Crit Care Med. 2017 Oct 16. doi: 10.1164/rccm.201706-1210LE. [Epub ahead of print] PubMed PMID: 29035095.
42. Martinez L†, Zhu L, Castellanos ME, Liu Q, Chen C, Hallowell BD, Whalen CC. Glycemic Control and the Prevalence of Tuberculosis Infection: A Population-based Observational Study. Clin Infect Dis. 2017 Nov 29;65(12):2060-2068. doi: 10.1093/cid/cix632. PubMed PMID: 29059298.
43. Martinez L†, Shen Y, Handel A, Chakraburty S, Stein CM, Malone LSL, Boom WH, Quinn FD, Joloba ML, Whalen CC, Zalwango S. Effectiveness of WHO’s pragmatic screening algorithm for child contacts of tuberculosis cases in resource-constrained settings: A prospective cohort study in Uganda. The Lancet Respiratory Medicine [Internet]. 2017 Dec 19 [cited 2018 Feb 13]; Available from:
44. Sekandi JN, Zalwango S, Nkwata AK, Martinez L, Kakaire R, Mutanga JN, Whalen CC, Kiwanuka N. Low Prevalence of Tuberculin Skin Test Boosting among Community Residents in Uganda. Am J Trop Med Hyg [Internet]. 2018 Feb 7 [cited 2018 Feb 23];98(2):379–81. Available from: http://www.ncbi.nlm.nih.gov/pubmed/29313483
45. Stein CM, Zalwango S, Malone LL, Thiel B, Mupere E, Nsereko M, et al. Resistance and Susceptibility to Mycobacterium tuberculosis Infection and Disease in Tuberculosis Households in Kampala, Uganda. Am J Epidemiol [Internet]. 2018 Jan 3 [cited 2018 Feb 13].
46. Schwartz LM†, Mutanga J, Kakaire R, Davis-Olwell P, Handel A, Sekandi J, Halloran EM, Kiwanuka N, Zalwango S, Whalen CC. Validation of a pictorial survey tool to measure time-use in an African urban setting. Soc Meth Res 2018; accepted for publication.
47. Castellanos ME†, Kirimunda S, Martinez L, Quach T, Woldu H, Kakaire R, Handel A, Zalwango S, Kiwanuka N, Whalen CC. Performance of QuantiFERON Gold In-Tube assay among tuberculin skin test converters: a prospective cohort study. Int J Tuberc Lung Dis. 2018; 22 (9): 1000 – 10006. doi: 10.5588/ijtld.18.0073, PMID: 30092864
48. Marchello CS†, Ebell MH, McKay B, Shen Y, Harvill ET, Whalen CC. Clinical management decisions for adults with prolonged acute cough: Frequency and associated factors. Am J Emerg Med. 2018 Dec 6. pii: S0735-6757(18)30967-7. doi: 10.1016/j.ajem.2018.12.007. Epub ahead of print] PubMed PMID: 30553636.
49. McKay B†, Castellanos M, Ebell M, Whalen CC, Handel A. An attempt to reproduce a previous meta-analysis and a new analysis regarding the impact of directly observed therapy on tuberculosis treatment outcomes. PLoS One. 2019 May 23;14(5):e0217219. doi: 10.1371/journal.pone.0217219. eCollection 2019. PubMed PMID: 31120965; PubMed Central PMC
50. Mutanga JN†, Mutembo S, Ezeamama AE, Fubisha RC, Sialondwe D, Simuchembu B, Mutukwa M, Chinyonga J, Thuma PE, Whalen CC. Tracking Progress Toward Elimination of Mother to Child Transmission of HIV in Zambia: Findings from the Early Infant Diagnosis of HIV Program (2009-2017). J Trop Pediatr. 2020 Feb 1; 66(1); 56 - 65. pii: fmz030.doi: 10.1093/tropej/fmz030. PubMed PMID: 31089687
51. Marchello CS†, Ebell MH, Dale AP, Harvill ET, Shen Y, Whalen CC. Signs and Symptoms That Rule out Community-Acquired Pneumonia in Outpatient Adults: A Systematic Review and Meta-Analysis. J Am Board Fam Med. 2019 Mar-Apr;32(2):234-247. doi: 10.3122/jabfm.2019.02.180219. PubMed PMID: 30850460.
52. Mutanga JN†, Mutembo S, Ezeamama AE, Song X, Fubisha RC, Mutesu-Kapembwa K, Sialondwe D, Simuchembu B, Chinyonga J, Thuma PE, Whalen CC. Long-term survival outcomes of HIV infected children receiving antiretroviral therapy: an observational study from Zambia (2003-2015). BMC Public Health. 2019 Jan 28;19(1):115. doi: 10.1186/s12889- 019-6444-7. PubMed PMID: 30691416; PubMed Central PMCID: PMC6348639.
53. Shen Y, Wiegand RE, Olsen A, King CH, Kittur N, Binder S, Zhang F, Whalen CC, Secor WE, Montgomery SP, Mwinzi PNM, Magnussen P, Kinung'hi S, Campbell CH, Colley DG. [Five-Year Impact of Different Multi-Year Mass Drug Administration Strategies on Childhood *Schistosoma mansoni*-Associated Morbidity: A Combined Analysis from the Schistosomiasis Consortium for Operational Research and Evaluation Cohort Studies in the Lake Victoria Regions of Kenya and Tanzania.](https://www.ncbi.nlm.nih.gov/pubmed/31407653) Am J Trop Med Hyg. 2019 Dec;101(6):1336-1344. doi: 10.4269/ajtmh.19-0273. PMID: 31407653
54. Mutembo S†, Mutanga J, Musokotwane K, Li C, Dobbin K, Yao X, Marconi V, Whalen CC. Urban-rural disparities in TB treatment outcomes among recurrent TB patients in Zambia. BMC Inf Dis, 2019; 19(1): 1087. doi: 10.1186/s12879-019-4709-5. PMID: 31888518
55. McIntosh AI, Jenkins HE, Horsburgh CR, Jones-Lopez EC, Whalen CC, Gaeddert M, Marques-Rodrigues P, Ellner JJ, Dietze R, White LF. Partitioning the risk of tuberculosis transmission household contact studies. PLoS One. 2019; 14 (10): e0223966. Doi: 10.1371/journal.pone.0223966. PMID: 31639145
56. Mutanga JN†, Mutembo S, Ezeamama AE, Song X, Fubisha RC, Mutesu-Kapembwa K, Sialondwe D, Simuchembu B, Chinyonga J, Thuma PE, Whalen CC. [Predictors of loss to follow-up among children on long-term antiretroviral therapy in Zambia (2003-2015).](https://www.ncbi.nlm.nih.gov/pubmed/31416432) BMC Public Health. 2019 Aug 15;19(1):1120. doi: 10.1186/s12889-019-7374-0. PMID: 31416432
57. Handel A, Martinez L†, Sekandi JN, Bellan SE, Zhu L, Chen C, Liu Q, Donkor S, Sutherland J, Hill PC, Gilman RH, Grandjean L, Whalen CC. [Evidence for supercoughers in an analysis of six tuberculosis cohorts from China, Peru, The Gambia and Uganda.](https://www.ncbi.nlm.nih.gov/pubmed/31931913) Int J Tuberc Lung Dis. 2019 Dec 1;23(12):1286-1292. doi: 10.5588/ijtld.18.0819. PMID: 31931913
58. Mutembo S†, Mutanga J, Musokotwane K, Li C, Dobbin K, Yao X, Marconi V, Whalen CC. Incidence of TB among HIV+ individuals treated for ART in rural and urban settings of Zambia. PONE, submitted May 2019.
59. Martinez L, Woldu H, Chen C, et al. Transmission Dynamics in Tuberculosis Patients with Human Immunodeficiency Virus: A Systematic Review and Meta-Analysis of 32 Observational Studies. *Clin Infect Dis*. Published online August 8, 2020. doi:10.1093/cid/ciaa1146
60. Castellanos ME†, Zalwango S, Kakaire R, et al. Defining adequate contact for transmission of Mycobacterium tuberculosis in an African urban environment. *BMC Public Health*. 2020;20(1). doi:10.1186/s12889-020-08998-7.
61. Martinez L, Cords O, Horsburgh CR, et al. The risk of tuberculosis in children after close exposure: a systematic review and individual-participant meta-analysis. *Lancet*. 2020;395(10228):973-984. doi:10.1016/S0140-6736(20)30166-5.
62. King CH, Kittur N, Wiegand RE, Shen Y, Ge Y, Whalen CC, et al. Challenges in protocol development and interpretation of the schistosomiasis consortium for operational research and evaluation intervention studies. Am J Trop Med Hyg [Internet]. 2020 Mar 1 [cited 2021 Feb 11];103(1\_Suppl):36–41. Available from: <https://pubmed.ncbi.nlm.nih.gov/32400342>.
63. King CH, Binder S, Shen Y, Whalen CC, Campbell CH, Wiegand RE, et al. SCORE studies on the impact of drug treatment on morbidity due to Schistosoma mansoni and Schistosoma haematobium infection. Am J Trop Med Hyg [Internet]. 2020 Mar 1 [cited 2021 Feb 11];103(1\_Suppl):30–5. Available from: <https://pubmed.ncbi.nlm.nih.gov/32400348/>.
64. Shen Y, Sung MH, King CH, Binder S, Kittur N, Whalen CC, et al. Modeling Approaches to Predicting Persistent Hotspots in SCORE Studies for Gaining Control of Schistosomiasis Mansoni in Kenya and Tanzania. J Infect Dis [Internet]. 2020 Feb 18 [cited 2021 Feb 11];221(5):796–803. Available from: https://pubmed.ncbi.nlm.nih.gov/31621850/
65. Kakaire R†, Kiwanuka N, Zalwango S, Sekandi J, Quach THT, Castellanos M, Quinn F, Whalen CC. Transmission of *M. tuberculosis* within social networks of an African city. The Lancet submitted Feb 2020.
66. Woldu HG†, Zalwango S, Martinez L, et al. Defining an intermediate category of tuberculin skin test: A mixture model analysis of two high-risk populations from Kampala, Uganda. *PLoS One*. 2021;16(1 January). doi:10.1371/journal.pone.0245328
67. Sekandi JN, Onuoha NA, Buregyeya E, et al. Using a mobile health intervention (DOT selfie) with transfer of social bundle incentives to increase treatment adherence in tuberculosis patients in Uganda: Protocol for a randomized controlled trial. *JMIR Res Protoc*. 2021;10(1). doi:10.2196/18029
68. Miller PB†, Zalwango S, Galiwango R†, Kakaire R†, Sekandi J†, Steinbaum L†, Drake JM, Whalen CC, Kiwanuka N. Association between male-bias in tuberculosis cases and social network structure in Kampala, Uganda. Jan 2021.

Letters, Editorials, Commentaries, Proceedings, Guidelines and Reviews:

1. Landefeld CS, Rosenthal GE, Aucott J, Whalen CC, et al. The Cleveland Veterans Affairs Medical Center Firm System. Intl J Technology Assessment in Health Care 1992; 8:325-334.
2. Le Grice SFJ, Whalen CC, Hom DL, Lehman PV, Walker CJ. Perspective: research highlights at the Case Western Reserve University Center for AIDS Research. AIDS Research and Human Retroviruses. 1996; 12: 1659 - 1663.
3. Justice AC, Whalen CC. Aging in AIDS; AIDS in Aging (editorial). J Gen Intern Med 1996; 11(10): 645 - 647.
4. Jacobs GG, Johnson JL, Boom WH, Wallis RS, Whalen CC, Ginsberg AM. Tuberculosis vaccines: how close to human testing? Tubercle and Lung Disease 1997; 78: 159 - 169.
5. Whalen CC, Johnson JL, Mugerwa R, Ellner JJ. Letter to the editor re: Preventive Therapy Trial in Uganda. N Engl J Med 1998; 338: 842.
6. Centers for Disease Control and Prevention. Prevention and Treatment of Tuberculosis among Patient Infected with Human Immunodeficiency Virus: Principles of Therapy and Revised Recommendations. MMWR 1998; 47 (No. RR – 20): 2 – 53.
7. Ellner JJ, Hirsch C, Whalen CC. Correlates of protective immunity in human tuberculosis. Clinical Infectious Dis 2000; 30 (Suppl 3): S279 – 282.
8. American Thoracic Society. Targeted Tuberculin Testing and Treatment of Latent Tuberculosis Infection. Am J Resp Crit Care Med 2000; 161: S221 – S247.
9. Landefeld CS, Justice AC, Covinsky KE, Gifford AL, Whalen CC, Asch SM. Introduction to Supplement: HIV Infection as a chronic disease. J Clin Epi 2001; 54 (S1): 1 – 2.
10. Justice AC, Landefeld CS, Asch SM, Gifford AL, Whalen CC, Covinsky KE. Justification for a new cohort study of people aging with and without HIV infection. J Clin Epi 2001; 54 (S1): 3 – 8.
11. Otieno MW, Banura C, Katongole-Mbidde E, Johnson JL, Ghannoum M, Dowlati A, Renne R, Arts E, Whalen C, Lederman M, and Remick SC. Therapeutic challenges of AIDS-related non-Hodgkin’s lymphoma in the United States and East Africa. J Natl Cancer Inst 2002; 94: 718 – 32.
12. Wallis RS, Song H-Y, Whalen C, Okwera A. Potential antagonism between immunity and sterilization during TB chemotherapy. Am J Resp Crit Care Med. 2004; 169: 771- 772.
13. Johnson JL, Okwera A, Horter L, Whalen CC, Mugerwa RD. Rifampicin-containing regimens for the treatment of latent tuberculosis infection also prevented diarrheal illnesses in HIV-infected Ugandan adults. AIDS 2004; 18: 706 – 707.
14. Whalen CC. New Diagnostic Tests for Latent Tuberculosis Infection: Measure for Measure. JAMA. 2005; 293 (22): 2785 - 2787.
15. Jones-Lopez EC, Ellner JJ, Whalen CC. Subclinical tuberculosis: A new entity? Clin Infect Dis 2005; 41: 1069 – 1070.
16. Whalen CC. Failure of directly observed therapy for tuberculosis in Africa: A call for new approaches. Clin Infect Dis 2006; 42: 1048 - 1050.
17. Onyebujoh PC, Ribeiro I, Whalen CC. Treatment options for HIV-associated tuberculosis. J Infect Dis, 2007; 196 (Supplement 1): 35 – 45.
18. Sekandi JN, List J, Luzze H, Yin X, Dobbin K, Corso PS, Oloya J, Okwera A, Whalen CC. In reply to ‘Active case finding for tuberculosis: what is the most informative measure for policy makers?’ Int J Tuberc Lung Dis. 2014; 18(4): 377 – 378.
19. Hill, PC and Whalen, CC. Non-Clinical Factors Associated with Tuberculosis – Important for DOTS Impact Evaluation and Disease Elimination. Transactions of the Royal Society of Tropical Medicine and Hygiene, June 2014.
20. Hill, PC and Whalen CC. Prevalence of tuberculosis in China. Lancet 2015; 385: 773. PMID:

25752176

1. Whalen CC. The replacement principle of tuberculosis: Why prevention matters. Am J Resp Crit Care Med. 2016; 194: 400 – 401.
2. Fennelly K and Whalen CC. Asymptomatic health-care worker screening during the COVID-19 pandemic. Lancet. 2020; 396: 1393. https://doi.org/10.1016/S0140-6736(20)32214-5

Book Chapters:

Whalen, C.C. and Semba R.D. ‘Tuberculosis’, in Nutrition and Health in Developing Countries, Ed. Semba R.D., Bloem M.W., Humana Press, 2001.

Whalen CC. 2007. Clinical Trials and International Ethics: Tuberculosis Preventive Therapy. In *Case Studies in Ethics and HIV Research*, ed. Loue S and Pike EC, 126 – 135. New York: Springer.

Katamba A, Luzze H, Oloya J, Whalen CC. 2011. ‘Uganda’, in Africa: A Practical Guide for Global Health Workers. Ed. Spielberg LA, Adams LV, pp. 228 – 255. Hanover, New Hampshire: Dartmouth University Press.

Popular Press:

Whalen CC. Urine Testing for rEPO. Cyclingnews. [www.cyclingnews.com/letters](http://www.cyclingnews.com/letters), 3 January 2006.

Whalen CC. Vaccination is sage, necessary for public health. Athens Banner Herald. 2015; 5 March.

Whalen CC. Combatting Uganda’s HIV, TB Epidemics. Atlanta Journal-Constitution. 2015; 16 December.

**Current Research and Training Support:**

2012 – 2022 Community Transmission of *M. tuberculosis* in Urban Africa. (PI: Whalen CC; 7/2012 – 6/2022; AI093856, NIAID, NIH). The goal of this project is to determine the social network characteristics that promote community transmission of *M. tuberculosis* in urban Africa.

2015 – 2020 Computational and Molecular Epidemiology in TB and HIV in Uganda. (PI: Whalen CC; 4/2015 – 3/20; 1D43TW010045-01; Fogarty International Center, National Institutes of Health). This is an international training grant that partners with Uganda to train scientists in bioinformatics and mathematical modeling as applied to HIV and TB.

2019 - 2024 Capturing spatial patterns of new *M. tuberculosis* infection in Kampala, Uganda (PIs: Whalen CC, Bark C, Kiwanuka N; AI147319, NIAID, NIH). This study addresses the immune correlates of new infection in susceptible persons living in an African urban setting.

**Pending Research:**

2020 - 2021 Mobility of Patients with Active Tuberculosis before Diagnosis (PI: Kiwanuka N) Bill and Melinda Gates Foundation. This project utilizes Call Detail Records from cellular telephones to reconstruct the movement patterns of tuberculosis cases before diagnosis.

2020 -2025 Assessing myeloid derived suppressor cells as novel mediator of tuberculosis in HIV exposed uninfected children. (PI: Garg A. Co-investigator Whalen CC) These study evaluates the potential role of myeloid derived suppressor cells in the pathogenesis of tuberculosis. National Institutes of Health

2020 -2023 Assessing myeloid derived suppressor cells as novel mediator of tuberculosis in HIV exposed uninfected children. (PI: Garg A. Co-investigator Whalen CC) These study evaluates the potential role of myeloid derived suppressor cells in the pathogenesis of tuberculosis. American Lung Association

2020 – 2025 US-China Collab: spatiotemporal modeling of ecology, transmission and evolution of tuberculosis in China. (PI: Yang, Yang University of Florida; Subcontract PI: Whalen CC) This proposal develops a comprehensive geospatial model using data from various sources to map tuberculosis transmission. National Science Foundation.

2020 – 2025 Incipient and Subclinical TB: diagnosis, natural history and transmission. (PI: Ellner, J Rutgers University; Sub-contract PI: Whalen CC) This proposal characterizes the clinical and epidemiologic features of subclinical tuberculosis and its potential impact on transmission of *M. tuberculosis*.

**Completed Research:**

2011 – 2014 Novel nonparametric methods for prognosis studies with missing covariates. (PI – Song X; Co-Investigator - Whalen CC; DMS 1106816, NSF). The goal of this study is to develop new nonparametric statistical methods for the analysis of longitudinal studies with missing covariates.

2007 – 2010 Community-Based Case Finding of TB-HIV Patients. Doris Duke Charitable Foundation (PI – Whalen CC). This study compares the efficiency of identifying cases of HIV-associated tuberculosis in Kampala, Uganda, using community cough surveys and household contact evaluations.

2007 – 2008 Determination of infection with multiple strains of Mycobacterium tuberculosis in adults with active pulmonary tuberculosis in Kampala. Uganda. Howard Hughes Medical Institute (PI – Whalen CC). This is a research training fellowship for a medical student Katherine Dickman. The study will determine the how often active tuberculosis is produced by multiple strains of M. tuberculosis using state-of-the-art molecular methods of strain typing.

2005 – 2008 Biomarkers of protective immunity and surrogate markers of TB disease in Africa. Bill and Melinda Gates Foundation (PI – Kaufman, S.; Co-Investigator – Whalen CC). The goals of this project are to define biomarkers and signature profiles of innate and adaptive immune responses to *M. tuberculosis* which are associated with protection.

2003 – 2013 The Uganda HIV/TB Clinical, Operational, and Health Services Research Training Program NIH TW 006900 (PI – Whalen CC). This is a research and training program for clinical, operational, and health services research on tuberculosis or HIV in Uganda. Through graduate degree and non-degree training experiences based in research, this program will help develop capacity in Uganda to evaluate new treatment and prevention programs for HIV and tuberculosis.

2003 – 2010 Punctuated Antiretroviral Therapy for HIV/TB in Uganda NIH AI 51219 (PI – Whalen CC). This study is designed to determine whether a punctuated, six-month course of highly active antiretroviral therapy during treatment of HIV-associated tuberculosis delays the progression to AIDS.

2000 – 2006 International Bioethics Training Program, NIH TW-0008 (PI – Loue, S; Mentor/Advisor – Whalen CC). This training program will provide formal degree and non-degree training in international biomedical ethics to foreign investigators from four countries through the Department of Bioethics. Dr. Whalen served as an instructor in this program and as a member of the advisory board.

1999 – 2004 Papua New Guinea duffy negativity and vivax malaria, NIH (PI – Zimmerman P; Investigator – Whalen, CC). This study explores the effect of Duffy negativity on morbidity and mortality in children with vivax malaria in Papua New Guinea. Dr. Whalen assisted with the design of component studies and the analysis of data for this study.

1998 – 2004 Adjunct Vitamin A Therapy for Tuberculosis in HIV/AIDS in Malawi, NIH (PI – Semba, R; Investigator/Consultant – Whalen, CC). The aim of this study is to see whether the use of vitamin A supplementation improves survival in HIV-associated tuberculosis. Study conducted in Zomba Malwi.

1996 – 2008 Center for AIDS Research, NIH AI36219 (PI – Lederman, M; Epidemiology and Biostatistics Core director – Whalen CC). This Center is designed to promote HIV/AIDS research at Case in multiple disciplines including basic virology, vaccine development, clinical trials of antiretroviral therapy, and international research. Dr. Whalen is responsible for the Epidemiology and Biostatistics Core that provides consultation to CFAR members.

1994 – 2014 Tuberculosis Research Unit, NIH AI95383 (PI – Boom, WH; Epidemiology Component Leader – Whalen CC). The Tuberculosis Research Unit (TBRU) is a multidisciplinary research contract to study novel methods for tuberculosis control. The TBRU has four major research programs in epidemiology, clinical trials, immunology, and microbiology, and three core activities including a specimen repository, a study coordinating center, and an administrative core. Dr. Whalen is responsible for the design, conduct and analysis of a community-based study of tuberculosis transmission in Ugandan households. He is also the director of the Data Coordinating Center and oversees issues related to data integrity, quality control and quality assurance, and directs analysts in data analysis.

1994 – 1997 Preparation for AIDS Vaccine Evaluation (PI – Ellner JJ; Co-Investigator - Whalen CC; NIH AI 35173). To measure the seroincidence of HIV infection and its behavioral correlates in a Ugandan military cohort.

1993 – 1998 Preventive Therapy for tuberculosis in HIV-infected individuals in Uganda (ADEPT) CCU 506716 (PI – Whalen CC/Ellner JJ). To evaluate the safety and efficacy of three preventive therapy regimens for tuberculosis in HIV-infected Ugandan adults.

1993 – 2003 Impact of Tuberculosis on HIV Infection in Uganda, NIH AI32414 (PI – Whalen CC). To determine immunologic determinants of survival in HIV-associated tuberculosis and to determine whether immunoadjuvant improves survival in these patients.

1992 - 1994 Claude Pepper Award for Research on Aging (PI – J. Kowal; Co-Investigator - Whalen CC; AG 10418, NIA, NIH). As part of this multi-faceted grant, funding was used to study the impact of tuberculosis on mortality in elderly individuals.

1992 - 1993 Falls: A predictive model of risks (PI – B. Roberts; Co-Investigator - Whalen CC; NIA, NIH). As a co-investigator, Dr. Whalen provided advice on study design and methods of data collection for evaluating falls in the elderly.

1991 Measurements of symptoms in HIV-infected persons (PI – Whalen CC; Case Western Reserve University Research Initiation Grant). The aim of this study was to develop and validate an instrument to measure symptoms in HIV-infected individuals. The support from this award led to the publication of a novel index for measuring morbidity in HIV-infected individuals.

1988 – 2014 AIDS International Training and Research Program, NIH TW-00011-24 (PI – Whalen, CC from 1995 to present). To provide intensive training in research methodology for HIV/AIDS research to foreign investigators and their colleagues and to assist in the development of the infra-structure for collaborative research.