

# CURRICULUM VITAE

NAME: **Jean B. Nachega, MD, PhD,  
MPH, DTM&H, FRCP**

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## EDUCATION AND TRAINING

### Undergraduate

1982-1985	Univ. of Namur Namur, Belgium	BSc, 1985	Bio-Chemistry
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### Graduate

1985-1989	Univ. of Louvain Brussels, Belgium	MD, 1989	Medicine
1998-1999	Johns Hopkins Univ. Baltimore, MD, USA	MPH, 1999	Epidemiology & International Health
2000-2001	London School of Hygiene & Tropical Medicine, UK	DTM&H	Tropical Medicine & Public Health
2004-2008	Univ. of Cape Town, South Africa	PhD	Pharmaco- Epidemiology

### Post-Graduate

1989-1995	Univ. of Louvain, Brussels, Belgium	Residency	Internal Medicine
1996-1997	Univ. of Louvain Brussels, Belgium	Fellowship	Infectious Diseases
2009-2010	Harvard School of Public Health, Boston, MA, Belgium	Fellowship	Biostatistics in AIDS Research

## APPOINTMENTS AND POSITIONS

### **Academic**

1999-2001	Research Associate	Dept. of International Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA
2001-2007	Assistant Scientist	Dept. of International Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA
2007-2012	Associate Scientist	Dept. of International Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA
2008-present	Professor Extraordinary & Part-time Director, Center for Infectious Diseases	Dept. of Medicine, Stellenbosch University, Faculty of Medicine, Cape Town, South Africa
2008-present	Honorary Full Professor of Medicine	Dept. of Medicine, University of Cape Town, Faculty of Medicine, Cape Town, South Africa
2009-present	Visiting Professor	Dept. of Medicine, University of Liege, Liege, Belgium
2009-2010	Senior Research Fellow	Dept. of Biostatistics, Harvard School of Public Health, Boston, MA, USA
2012-present	Associate Professor of Epidemiology	Dept. of Epidemiology, Pittsburgh Graduate School of Public Health, Pittsburgh, PA, USA
2012-present	Adjunct Associate Professor of Epidemiology and International Health	Depts. of Epidemiology & International Health, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA
2015-present	Visiting Professor of Infectious Diseases/VIH-SIDA	Université Evangélique en Afrique Bukavu, Democratic Republic of the Congo

## CERTIFICATION AND LICENSURE

### Specialty Certification

1994-present	Specialist in Internal Medicine. OM# 85142-560	Belgian Board of Internal Medicine
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### Medical or Other Professional Licensure

Medical Practitioner for Post-Graduate Studies/Research	Health Professions Council of South Africa (HPCSA) MP 0513059	Pretoria, South Africa
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## MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

1999-present	American Society of Tropical Medicine and Hygiene (ASTMH) <a href="http://www.astmh.org">www.astmh.org</a>
1999-present	Infectious Diseases Society of America (IDSA) <a href="http://www.idsociety.org">www.idsociety.org</a>
2007-present	International AIDS Society (IAS) <a href="http://www.iasociety.org">www.iasociety.org</a>
2008-present	International Association of Providers in AIDS Care (IAPAC) <a href="http://www.iapac.org">www.iapac.org</a>
2008-present	Southern Africa HIV Clinician Society (SAHIVSoc) <a href="http://www.sahivsoc.org">www.sahivsoc.org</a>
2008-present	Member elect, Academy of Sciences of South Africa <a href="http://www.assaf.co.za">www.assaf.co.za</a>
2013-present	World Health Organization (WHO) HIV Treatment Guidelines Expert Panel <a href="http://www.who.int">www.who.int</a>
2012-present	US Centers for Diseases Control (CDC) Global Health Expert Panel <a href="http://www.cdc.gov">www.cdc.gov</a>

- 2013-present NIH/NIAID AIDS Clinical Trial Group (ACTG), Tuberculosis Host-Directed Therapies (HDT) Working Group <https://actgnetwork.org/>
- 2014-present Fellow, Royal College of Physicians, Edinburgh, UK [www.rcpe.ac.uk](http://www.rcpe.ac.uk)
- 2015-present Bill and Melinda Gates Foundation Optimizing HIV Treatment Cascade in Resource-Limited settings Expert Panel. [www.gatesfoundations.org](http://www.gatesfoundations.org)

## HONORS

- 1985 Cum Laude, University of Namur, Namur, Belgium. [www.unamur.be](http://www.unamur.be)
- 1989 Cum Laude, University of Louvain, Brussels, Belgium. [www.uclouvain.be](http://www.uclouvain.be)
- 1998 Stelios M. Stelson Scholarship MPH Award, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA. [www.jhsph.edu](http://www.jhsph.edu)
- 1998 Dikembe Mutombo African Education Scholarship Award, Dikembe Mutombo Foundation. [www.dmf.org](http://www.dmf.org)
- 1999 MPH Study Recognition Award For Outstanding Services, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA. [www.jhsph.edu](http://www.jhsph.edu)
- 2003, 2005, 2006 International Travel Scholarship Award to attend and speak at the Annual Conference on Retroviruses and Opportunistic Infections (CROI), in 2003 & 2005 in Boston, MA, USA and 2006 in Denver, CO, USA [www.croiconference.org/](http://www.croiconference.org/)
- 2008 Member Elect, Delta Omega Public Health Honor Society, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA [www.jhsph.edu/alumni/alumni-associations/delta-omega/](http://www.jhsph.edu/alumni/alumni-associations/delta-omega/)

2009	John McGoldrick Fellowship in Biostatistics of AIDS Research, Harvard School of Public Health, Boston, MA, USA. <a href="http://www.hsph.harvard.edu/biostats/mcgoldrick">www.hsph.harvard.edu/biostats/mcgoldrick</a>
2015	AIDS Journal Highly Cited Award in 2014: Clinical Science. Nachega et al. AIDS 2012 Oct 23;26 (16):2039-52. PMID: 22951634. <a href="http://www.aidsonline.org">www.aidsonline.org</a>
2017	Stellenbosch University Rector's Faculty Strategic Diversity Career Award

## PROFESSIONAL ACTIVITIES

### 1. Teaching

#### 1.1. Teaching at University of Pittsburgh

##### a. Courses Taught

Years Taught	Course Number: Title	Hours of Lecture, credits Average Enrollment	Role in course Primary/Coordinator
2012 to present	EPIDEM 2166: Global Control of HIV/AIDS and Tuberculosis	4 hours/week, Spring Term 1 credit, 7 students	Primary Instructor

##### b. Other Teaching (lectures, tutorials and continuing education courses)

Date(s)	Type of Teaching	Title
March 10, 2013	Lecture, EPIDEM 2160	Global Control of Tuberculosis
October 15, 2014	Lecture, ID Fellows Seminar	Control of HIV/AIDS through Test-and-Treat Strategy

<b>Date(s)</b>	<b>Type of Teaching</b>	<b>Title</b>
March 26, 2015	Lecture, EPIDEM 2250	Addressing the Achilles' heel in the HIV care continuum for the success of the test-and-treat strategy to achieve an AIDS-free generation
September 10, 2015	Lecture, EPIDEM 2250	Tuberculosis active case finding in HIV mother-to-child prevention program in Soweto, South Africa
Since 2015	Lecture, HIV/AIDS	Université Evangélique en Afrique, Bukavu République Démocratique du Congo

**c. Supervision of Post-Doctoral Students, Residents, and Fellows**

<b>Dates Supervised</b>	<b>Name of Student</b>	<b>Position of Student</b>
2012-13	Zachor, Haddas	Pitt 4 <sup>th</sup> Year School of Medicine Student

**d. Mentoring of Graduate Students in Field Placements**

<b>Dates</b>	<b>Name of Student</b>	<b>Degree/Program Description</b>	<b>Field Site</b>
June to August, 2015	Allison, Morris	MPH	Stellenbosch University, Cape Town, South Africa
June to August, 2015	Anna Maria, Evans	MPH	Stellenbosch University, Cape Town, South Africa

<b>Dates</b>	<b>Name of Student</b>	<b>Degree/Program Description</b>	<b>Field Site</b>
June to August, 2017	Kelsea LaSorda	MPH	Stellenbosch University, Cape Town, South Africa
June to August, 2017	Jenna Nelson	MPH	Stellenbosch University, Cape Town, South Africa

## **1.2. Teaching at Johns University, Bloomberg School of Public Health, Departments of Epidemiology and International Health**

### **a. Teaching (lectures, tutorials and continuing education courses)**

<b>Date(s)</b>	<b>Type of Teaching</b>	<b>Title</b>
2009 to present	Lecture, Course#340.659.11: Advanced Issues in HIV Epidemiology	HIV Prevention, Treatment and Care in Africa
2009 to present	Lecture, Course#223.666.01: Public Health and Medicine in the Tropics	HIV and Tuberculosis in the Tropics
2005-2012	Lecture, Course# 340.640.10: Global Disease Control Programs and Policies	HIV/AIDS in Africa
2003-2012	Lecture, Course#223. 682.01: Clinical Aspects of Tropical Diseases	Global Control Aspects of Lymphatic Filariasis

## **b. Major Advisor for Graduate Student Essays, Theses, and Dissertations**

<b>Name of Student</b>	<b>Degree Awarded, Year</b>	<b>Type of Document and Title</b>
Daniel Stein	MHS, 2002	Essay; “Knowledge, Attitudes, Beliefs and Practices to and Antiretroviral Therapy Adherence in HIV-infected Adults in Soweto, South Africa”
Dara Lehman	MHS, 2002	Essay; “Adherence to Antiretroviral Therapy in HIV-infected Adults , Soweto, South Africa”
Damilola Walker	MHS, 2004	Essay; “The Prospect for An Effective HIV Vaccine: Challenges and Opportunities”
Andrea de Luca	MHS, 2005	Essay; “Treatment-Supporter to Improve Adherence to Antiretroviral Therapy in Africa”
Melanie Lo	MHS, 2005	Essay; “Adherence to Antiretroviral Therapy Assessed by Pharmacy-Claim Improve Survival in HIV-infected South African Adults”
Jana Goins	MHS, 2006	Essay; “Antiretroviral Therapy and Virologic Outcomes in HIV-infected South African Adults”
Helizabeth Hazel	MHS, 2007	Essay; “Directly Observed Therapy for Antiretroviral Therapy: Acceptability and Feasibility in HIV-infected South African Adults”
Amanda Selin	MHS, 2007	Essay; “Association of Stigma and Sub-Optimal Antiretroviral Therapy Adherence in HIV-infected South African Adults”
Vikash Parekh	MHS, 2008	Essay; “Tuberculosis-HIV Co-Infection: Control Strategies in South Africa”
Sarah Wampold	MHS, 2009	Essay; “Antiretroviral Therapy Adherence in Pregnancy and Post-Partum HIV-infected South Africans”



Fiona Havers	MD, MPH 2010	Dissertation; “Tuberculosis-Immune Reconstitution Inflammatory Syndrome: Incidence, Risk Factors and Outcomes in HIV-infected Adults: A Cohort Study in Cape Town, South Africa”
David Dowdy	MD, PhD 2011	Dissertation; “Evaluation of Diagnostic Testing for Tuberculosis in High HIV & TB Burden Countries”
Melissa Roskoski	MHS 2011	Essay; “Are Gene Polymorphisms on Chromosome 22 Risk Factors for HIV Associated Nephropathy in South African Adults: A Case-Control Study”
Ethel Nakimuli Mpungu	PhD 2012	Dissertation; “Lifetime Depressive Disorders and Adherence to Antiretroviral Therapy in HIV-Infected Adults: A Case-Control Study”

**d. Service on Master’s or Doctoral Committees**

<b>Dates Served</b>	<b>Name of Student</b>	<b>Degree Awarded</b>	<b>Title of Dissertation/Essay</b>
2008-11	Homaira Hanif	PhD	“Multidimensional Influences on Antiretroviral Adherence and Consistent Condom Use Among People Living With HIV in Rio de Janeiro, Brazil”

**f. Supervision of Post-Doctoral Students, Residents, and Fellows**

<b>Dates Supervised</b>	<b>Name of Student</b>	<b>Position of Student</b>
2010	Fiona Havers	Resident in Internal Medicine

**g. Mentoring of Graduate Students in Field Placements**

<b>Dates</b>	<b>Name of Student</b>	<b>Degree/Program Description</b>	<b>Field Site</b>
Summer 2002	Daniel Stein Dara Lehman	MHS MHS	Baragwanath Hospital, Soweto, South Africa
Summer 2004	Damilola Walker	MHS	AIDS Vaccine Initiative, Uganda
Summer 2005	Andrea de Luca Melanie Lo	MHS MHS	Univ. of Cape Town, South Africa
Summer 2005	Virginia Wood	MHS	Univ. of Cape Town, South Africa
Summer 2006	Sangini Shah	MD	Univ. of Cape Town, South Africa
Summer 2006	Jana Goins	MHS	Univ. of Cape Town, South Africa
Summer 2007	Elizabeth Hazel Amanda Selin	MHS MHS	Univ. of Cape Town, South Africa
Summer 2007	Nathan Naussbaum	MD, MPH	Univ. of Cape Town, South Africa
Spring 2007	David Dowdy	MD, PhD	Univ. of Cape Town, South Africa
Summer 2008	Vikash Parekh	MHS	Univ. of Cape Town, South Africa
Summer 2009	Sarah Wampold	MHS	Univ. of Cape Town, South Africa
Summer 2010	Tiki Firdu	MD	Univ. of Cape Town, South Africa
Summer 2010	Fiona Havers	MD, MPH	Univ. of Stellenbosch, South Africa
Summer 2011	Melissa Roskoski	MHS	Univ. of Stellenbosch, South Africa

### 1.3. Teaching at Stellenbosch University, Cape Town, South Africa

#### a. Courses Taught

Years Taught	Course Number: Title	Hours of Lecture, credits Average Enrollment	Role in course Primary/Coordinator
2008 to present	Infectious Diseases Epidemiology	8 hours/week, Winter Term 4 credits, 20 students	Primary Instructor

#### b. Major Advisor for Graduate Student Essays, Theses, and Dissertations

Name of Student	Degree Awarded, Year	Type of Document and Title
Fidele Mukinda	MSc Epi, 2011	MSc Dissertation; "Rise in Rifampicin-Monoresistant Tuberculosis in Western Cape, South Africa: Risk Factors and Outcomes"
Ingrid Eshun-Wilson	MSc Epi, 2012	MSc Dissertation; "Risk Factors and Outcomes for TB in HIV-infected South African gold miners"
Remi Adeniyi	MScClinEpi, 2012	MSc Dissertation; "Prevalence of Chronic Kidney Disease Among Teachers in the Western Cape Province, South Africa"
Gert Van Zyl	PhD Virology, 2013	PhD Dissertation; "Antiretroviral Therapy Drug Resistance in mother-to-child HIV Prevention Program in the Western Cape Province, South Africa"
Michelle Zeier	PhD Epi, 2011	PhD Dissertation; "Combination Antiretroviral Therapy Reduces The Detection Risk of Cervical Human Papilloma Virus Infection in Women Living With HIV"
Andre Bula Bula	MScClinEpi, Graduated March 2015	MSc Dissertation; "Prevalence, Risk Factors and Outcomes of Rifampicin-Resistant Tuberculosis in Bukavu, Democratic Republic of the Congo"

Liliane Byamungu	MScClinEpi, Graduated March 2017	MSc Dissertation; “Prevalence, Risk Factors and Outcomes Associated with Late HIV diagnosis in Children with Tuberculosis co-Infection in Cape Town, South Africa: A Cohort Study”
Patrick Katoto	MScClinEpi, Graduated March 2017	MSc Dissertation; “Antiretroviral Associated Cardiovascular and Metabolic Complications in HIV-infected Adults in Bukavu, DR Congo”
Ngoie Nkongolo	MScClinEpi, Graduated March 2017	MSc Dissertation; “Prevalence of renal dysfunction at 6- and 12-months after initiation of Tenofovir-containing regimen in HIV-infected adults at Themba Lethu Clinic, Johannesburg, South Africa”

### c. Service on Master’s or Doctoral Committees

Dates Served	Name of Student	Degree	Title
2009-13	Elizabeth Lutge	PhD 2013	“Economic Support to Improve Tuberculosis Treatment Outcomes in South Africa: A Pragmatic Cluster-Randomized Controlled Trial.”
2010-14	Steve Innes	PhD 2014	“High prevalence of lipoatrophy in pre-pubertal South African children on antiretroviral therapy: a cross-sectional study”
2010-14	Suereta Fortuin	PhD 2014	“Phosphoproteomics Analysis of a Clinical Mycobacterium Tuberculosis Beijing Isolate: Expanding The Mycobacterial Phosphoproteome Catalog”

<b>Dates Served</b>	<b>Name of Student</b>	<b>Degree</b>	<b>Title</b>
2013-2016	Angela Dramowski	PhD 2016	“Determinants of Health Care Associated Infections Among Hospitalized Children at Tygerberg Hospital, Cape Town, South Africa”
2016 to present	Parvine B. Bisimwa	PhD Pending	“Etude épidémiologique et cartographie moléculaire des virus des hépatites virales chroniques et de leur co-infection avec le virus de l’immunodéficience humaine au Sud-Kivu à l’est de la République Démocratique du Congo (RDC)”
2017 to present	Theophile M. Kashosi	PhD Pending	“Diagnostic précoce du nourrisson à l’aide de GeneXpert VIH: faisabilité, impact et résultats à Bukavu, République Démocratique du Congo”
2017 to 2019	Patrick DM Katoto	PhD	“Household Air Pollution and Risk of Tuberculosis in HIV Infected Patients in the Democratic Republic of the Congo”
2013 to 2017	Didier Tshialala Mukeba	PhD	“Prévalence de l’hypertension artérielle, de l’obésité, de l’hypercholestérolémie et du diabète non-traités chez les personnes adultes non-infectées versus infectées par le VIH et sous trithérapie de première ligne à Mbuji-Mayi, République Démocratique du Congo”
2014 to 2017	Elisabeth Gonese	PhD	“Comparative analysis of Biorad avidity assay and limiting antigen avidity in measuring HIV incidence”
2016 to 2020	Geoffrey Fatti	PhD	“An evaluation of the effectiveness community-base care models, for HIV treatment and prevention programs in South Africa”

<b>Dates Served</b>	<b>Name of Student</b>	<b>Degree</b>	<b>Title</b>
2016 to 2018	Rory Leisegang	PhD	“Outcomes and cost-effectiveness of different models of delivery of antiretroviral therapy”
2019 to present	Mireille Kakubu	PhD pending	“Clinical and Virological Outcomes of Dolutegravir-based Regimen among HIV-TB Co-Infected and Mono-Infected Adults in Namibia”

## **2. Research and Training**

### **a. Grants and Contracts Received**

#### **Principal Investigator or Co-Investigator**

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>	<b>% Effort</b>
3/15/06 - 12/30/10	K23 AI 068582 DOT-HAART Regimens for HIV-Infected South African Adults (PI)	NIH/NIAID	\$130,446	75%
2/09/2010 - 12/31/2013; Non-Cost extension 12/31/2014	TA.08.40200.021 NSAIDs for Prevention of Tuberculosis-Immune Reconstitution Inflammatory Syndrome in HIV-Infected Adults: A Double-Bind Randomized Clinical Trial (PI)	European Developing Countries Clinical Trial Partnership (EDCTP)	€85,138.65	25%
3/1/2010 - 2015; Cost Extension to 8/31/16	T84HA21652 Stellenbosch University Rural Medical Partnership Initiative (PI)	HRSA	\$2,000,000	25%

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>	<b>% Effort</b>
09/01-2016-09/01/2021	1D43TW010340-01 Pittsburgh-Stellenbosch University AIDS-comorbidities Training Research Program (Pitt-SU AICoTRP. (PI)	NIH/FIC	\$500,000	23%

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>	<b>% Effort</b>
12/10/13 - 11/30/20	AI069521-08 Stellenbosch University Clinical Trial Unit for ACTG (co-I)	NIH/NIAID	\$1,504,116	5%
05/09/14-03/31/19	D43 TW009753-01 Fogarty HIV Research Training Program, Mozambique (co-I)	NIH/FIC	\$54,281	5%
04/01/15 - 03/31/20	1U2GGH001536-01 South African University-Based Technical Assistance to Improve the Quality of HIV/AIDS (co-I)	US CDC	\$1,200,000	10%
03/15/06-02/28/11	1R21 MH083592-01 Reliability of measurement tools for HIV Treatment Adherence in Malawi (co-I)	NIH/NIMH	\$60,000	5%
01/01/00 – 01/01/05	R01 AI 01637 Novel TB Prevention Regimens for HIV-infected South African Adults (Multiple PIs)	NIH/NIAID	\$694,574	80%

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>	<b>% Effort</b>
1/1/2002 - 1/1/2003	5P30AI042855-03 A Pilot Study of Knowledge, Attitudes and Beliefs About and Adherence to Therapies for HIV Infection in Soweto, South Africa. Role: PI on this pilot study; but co-I on the overall Hopkins CFAR program (PI)	NIH/NIAID Through Johns Hopkins Center for AIDS Research (CFAR)	\$55,000	55%
1/09/03 - 9/30/07	R01 AI 55359 DOT-HAART Regimens for HIV-Infected South African Adults (multiple PIs)	NIH/NIAID	\$500,000	50%
3/15/10 - 03/30/15; 1yr cost-extension to 2016)	WT08753MA Southern Africa Consortium for Research Excellence (SACORE); co-Applicant and SACORE Program Director at Stellenbosch University. PI: Newton Kumwenda (2010-2014); Moffat Nyirenda (2014-2016) (PI)	Wellcome Trust	\$1,500,000	10%
12/01/2017-12/01/2019	Stellenbosch Univ. Rector Faculty Strategic Award (PI)	Stellenbosch University	\$120,000	10%
05/09/2014-03/31/2019	D43 TW009753-05; Pitt HIV Research Training Program in Mozambique (co-I)	NIH/FIC	\$281,720	10%
1/1/2014-11/30/2020	7UM1AI068636-13; AIDS Clinical Trial Group (Co-I)	NIH/NIAID	N/A	5%
04/30/2019-03/31/2024	1D43TW010937-01A1; University of Pittsburgh HIV-Comorbidities Research Training Program in South Africa (PI)	NIH/FIC	\$301,237	15%



09/19/2018– 08/31/2023	1R25TW011217-01; African Association for Health Professions Education and Research (Multiple-PI)	NIH/FIC	\$944,587	20%
07/01/2020- 07/01/2022	Cardiometabolic Outcomes, Mechanisms, and approach to prevention of Dolutegravir Associated Weight Gain in South Africa (R21) (Contact PI)	NIH/FIC	\$275,000	15%
<b><u>Pending</u></b>				
07/01/2021- 08/30/2026	5U01AI096299-13 Central Africa-International epidemiology to Evaluate AIDS (CA-IeDEA) (Investigator)	NIH/NIAID	\$158,100	10%
<b><u>Submitted</u></b>				
09/01/2021- 08/30/2026	1U54TW012162-01 The DAWA Project: Data for Advancing Wellness in Africa (PI)	NIH/FIC	\$1,116,371	20%

## PUBLICATIONS

- 1: Lesage V, Van Pee D, Luyx C, **Nachega JB**, Boutsen Y, Swine C. Septic arthritis caused by *Haemophilus influenzae* associated with endocarditis. *Clin Rheumatol*. 1998;17(4):340-2. doi: 10.1007/BF01451018. PMID: 9776121.
- 2: **Nachega JB**, Vandercam B, d'Udekem Y, Verhelst R, Jacquet L, Dion R, Goenen M. Chronic dissection of the thoracic aorta in a patient with tuberculous pleuro-pericarditis. *Acta Clin Belg*. 1998 Feb;53(1):53-4. doi: 10.1080/17843286.1998.11754142. PMID: 9562707.
- 3: Colebunders R, **Nachega J**, Van Gompel A. Antiretroviral treatment, and travel to developing countries. *J Travel Med*. 1999 Mar;6(1):27-31. doi: 10.2310/7060.1999.00007. PMID: 10071370.
- 4: Colebunders R, Verdonck K, **Nachega J**, Kothari P. Impact of new developments in antiretroviral treatment on AIDS prevention and care in resource-poor countries. *AIDS*

Patient Care STDS. 2000 May;14(5):251-7. doi: 10.1089/108729100317713. PMID: 10833812.

5: **Nachega J**. Antiretroviral treatment in developing countries. Hopkins HIV Rep. 2002 Sep;14(5):10-1, 15. PMID: 12240641.

6: **Nachega JB**, Chaisson RE. Tuberculosis drug resistance: a global threat. Clin Infect Dis. 2003 Jan 15;36(Suppl 1):S24-30. doi: 10.1086/344657. PMID: 12516027.

7: **Nachega J**, Coetzee J, Adendorff T, Msandiwa R, Gray GE, McIntyre JA, Chaisson RE. Tuberculosis active case-finding in a mother-to-child HIV transmission prevention programme in Soweto, South Africa. AIDS. 2003 Jun 13;17(9):1398-400. doi: 10.1097/00002030-200306130-00018. PMID: 12799565.

8: Mahvi A, **Nachega J**, Piron A, Blomme C, Deneys V, Provoost N, Boland B. Chronic disseminated histoplasmosis in an apparently immuno-competent Belgian patient. Acta Clin Belg. 2004 Mar-Apr;59(2):102-5. doi: 10.1179/acb.2004.015. PMID: 15224474.

9: **Nachega JB**, Stein DM, Lehman DA, Hlatshwayo D, Mothopeng R, Chaisson RE, Karstaedt AS. Adherence to antiretroviral therapy in HIV-infected adults in Soweto, South Africa. AIDS Res Hum Retroviruses. 2004 Oct;20(10):1053-6. doi: 10.1089/aid.2004.20.1053. PMID: 15585095.

10: Myer L, Morroni C, **Nachega J**, Cooper D. HIV-infected women in ART programmes. Lancet. 2005 Feb 19-25;365(9460):655-6. doi: 10.1016/S0140-6736(05)17942-2. PMID: 15721468.

11: **Nachega JB**, Lehman DA, Hlatshwayo D, Mothopeng R, Chaisson RE, Karstaedt AS. HIV/AIDS and antiretroviral treatment knowledge, attitudes, beliefs, and practices in HIV-infected adults in Soweto, South Africa. J Acquir Immune Defic Syndr. 2005 Feb 1;38(2):196-201. doi: 10.1097/00126334-200502010-00011. PMID: 15671805.

12: Wilson D, **Nachega JB**, Chaisson RE, Maartens G. Diagnostic yield of peripheral lymph node needle-core biopsies in HIV-infected adults with suspected smear-negative tuberculosis. Int J Tuberc Lung Dis. 2005 Feb;9(2):220-2. PMID: 15732745.

13: **Nachega JB**, Rombaux P, Weynand B, Thomas G, Zech F. Successful treatment of Acanthamoeba rhinosinusitis in a patient with AIDS. AIDS Patient Care STDS. 2005 Oct;19(10):621-5. doi: 10.1089/apc.2005.19.621. PMID: 16232046.

14: Wilson D, **Nachega J**, Morroni C, Chaisson R, Maartens G. Diagnosing smear-negative tuberculosis using case definitions and treatment response in HIV-infected adults. Int J Tuberc Lung Dis. 2006 Jan;10(1):31-8. PMID: 16466034.

15: Mills EJ, **Nachega JB**, Buchan I, Orbinski J, Attaran A, Singh S, Rachlis B, Wu P, Cooper C, Thabane L, Wilson K, Guyatt GH, Bangsberg DR. Adherence to antiretroviral

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200: **Nachega JB**, Sam-Agudu NA, Mellors JW, Zumla A, Mofenson LM. Scaling Up Covid-19 Vaccination in Africa - Lessons from the HIV Pandemic. *N Engl J Med*. 2021 Mar 31. doi: 10.1056/NEJMp2103313. Epub ahead of print. PMID: 33789005.

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efficiency and sustainability of clinical trials in global health. *Lancet Glob Health*. 2021 May;9(5):e681-e690. doi: 10.1016/S2214-109X(20)30539-8. PMID: 33865473.

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## 2. Book Chapters

1. Chaisson RE and **Nachega JB**. Editors: Warrell DA, Cox TM, Firth JD. Chapter. 6.7.25: Tuberculosis. In *Oxford Textbook of Medicine*. Oxford University Press. 5<sup>th</sup> Edition, 2010. Updated in 2012.  
<http://oxfordmedicine.com/view/10.1093/med/9780199204854.001.1/med-9780199204854>
2. **Nachega JB**, Colebunders B., Apers L. Editors: Zumla A, Schaaf H.S. Tuberculosis Preventive Therapy in the Developed and Developing Countries. In *Tuberculosis, A Comprehensive Clinical Reference*. Elsevier Press. 1st Edition, 2009.  
[http://www.amazon.com/dp/B0040SYIOW/ref=rdr\\_kindle\\_ext\\_tmb](http://www.amazon.com/dp/B0040SYIOW/ref=rdr_kindle_ext_tmb)
3. **Nachega JB** and Maartens G, Editors: Zumla A, Schaaf HS. Clinical Manifestations of Tuberculosis. in *Tuberculosis, A Comprehensive Clinical Reference*. Elsevier Press. 1st Edition, 2009.  
[http://www.amazon.com/dp/B0040SYIOW/ref=rdr\\_kindle\\_ext\\_tmb](http://www.amazon.com/dp/B0040SYIOW/ref=rdr_kindle_ext_tmb)
4. **Nachega JB and Papa Salif-Sow**. *Integrated Management of Adolescent and Adult Illness District Clinician Manual (IMAI)*. Guidelines for the management of common illnesses with limited resources. HIV and Opportunistic Infections Chapter. Editors: WHO. Publication date: 2011. ISBN: 9789241548281 (vol. 1). ISBN 9789241548290 (vol.2) <http://www.who.int/hiv/pub/imai/imai2011/en/>

## 3. Selected 2016-to Present Invited National and International Presentations

1. Invited Speaker: The NIH-Sponsored workshop preceding **the 21st International AIDS Conference 2016 workshop on Alcohol and HIV/AIDS in Durban, South Africa, 18 July 2016**. [www.aids2016.org](http://www.aids2016.org)
2. Invited co-Chair for the oral abstract session at the 21st International AIDS Conference, to be held in Durban, South Africa, July 19, 2016. Session **Title: Clubs, Cash and Caregivers: Impact on HIV Treatment Adherence and Retention**. [www.aids2016.org](http://www.aids2016.org)
3. Invited co-Chair for a **special session symposium at the 21st International AIDS Conference, to be held in Durban, South Africa, July 20, 2016**. Session Title:

**Optimizing the HIV care continuum through implementation science research.**  
[www.aids2016.org](http://www.aids2016.org)

4. Invited Plenary Speaker by the Midwest AIDS Training and Education partners (MATEP) in Chicago for the **19th Annual MATEP HIV Treatment Update in Memory of Bonnie Lubin: Thursday, September 15, 2016**, Crowne Plaza Hotel Chicago Metro Downtown, 733 West Madison, Chicago, IL, USA. Title: Progress with the Global HIV Epidemic.
5. Invited Plenary Speaker: “Forum de Adesão”, August 11th and 12th, 2017, São Paulo, Brazil. Title: “**HIV Treatment as Prevention. Managing retention and adherence in long term treatment.**”
6. Invited Plenary Speaker: by the “**2nd International Center for Advanced Research and Training (ICART) Symposium August 17-19, 2018, Bukavu, Democratic Republic of the Congo**. Title: “Update on HIV-Associated Cardiovascular Disease in sub-Saharan Africa”
7. Invited Plenary Speaker: **University of Bugando Medical School Annual Conference, Mwanza, Tanzania, October 22, 2017**: Title: “mHealth and Community-DOT to Improve MTCT Outcomes in South Africa, Uganda, Tanzania: The SANTU Trial.”
8. Invited Plenary Speaker: Nachega JB. **CME HIV Symposium of the University of Cincinnati, OHIO, USA, Saturday, March 24, 2018**; Theme: HIV Treatment Adherence Interventions Strategies.
9. Invited Plenary Speaker: **Forum de Adesão, May 18th-19th, 2018, São Paulo, Brazil**. Title: “Barriers to achieve 90% viral load suppression in low- and middle- income countries”
10. Invited Plenary Speaker: **Southern African HIV Clinicians Society Conference, October, 24-27, 2018, Gallagher Convention Centre, Midrand, Johannesburg, South Africa**. Title: “The implications of scarcer resources to reach the UNAIDS 90:90:90 Targets”
11. Invited Oral Abstract Chair, Session Titled: HIV Care Continuum at the 2919 International Association of Provider in AIDS Care (IAPAC) Adherence Conference. WWW.IAPAC.ORG, University of Maryland Sponsored Satellite Session, Monday, June 17-19, 2019, Miami, Florida, USA
12. Invited Plenary Speaker: **International AIDS Society 2019 Conference, Mexico City**, University of Maryland Sponsored Satellite Session, Monday, July 22, 2019. Title: “Evidence-Based Interventions for Prevention of Virologic Failure in Pregnant and Post-Partum Women in Low- and Middle-Income Countries”

13. Invited Expert Panel Speaker: NIH Workshop on HIV-Associated Comorbidities, September 19-20, 2019, Bethesda, MD, USA. Title: “HIV-Comorbidities in Low- and Middle-Income Countries.

14. Invited Plenary Speaker: 10th edition of the International Workshop on HIV & Aging, to be held on 10-11 October 2019 at the New Yorker Hotel in New York, NY, USA. Title: “HIV and Aging in International Setting”

## SERVICE

### 1. Service to School and University of Pittsburgh

Years	Activity Description	Position
2012 to present	Coordination of Pitt Center for Global Health and Stellenbosch University. Provide opportunities for Pitt faculty and students with opportunities for research and training in South Africa.	Pitt Liaison Faculty in South Africa
2013 to present	Developing research capacity at University Catholic of Mozambique Pitt site by mentoring trainees in Beira or while they are rotating at Stellenbosch University through the NIH/FIC Funded Pitt-Mozambique HIV Research Training Program (PI: Harrison L.)	Pitt Faculty Mentor for Trainees from Mozambique
2017 to present	Pitt Global Health Steering Committee Member	Member
2019 to present	Appointment to the School Diversity Committee	Member

### 2. Service to Field of Scholarship

#### a. Editorial Boards, Editorships

Date	Position	Journal
2008 to present	Editorial Board	<i>The Open AIDS Journal</i>
2008 to present	Associate Editor	<i>Journal of International Association of Providers of AIDS Care (JIAPAC)</i>
2009	Guest Editor	<i>New England Journal of Medicine</i>

<b>Date</b>	<b>Position</b>	<b>Journal</b>
2010 to present	Associate Editor	<i>BMC Infectious Diseases</i>
2010 to 2015	Editorial Board	AIDS
2012 to present	Associate Editor	<i>BMC Public Health</i>
2016 to present	Associate Editor	<i>BMC Public Health</i>
2016 to present	Associate Editor	<i>Journal of Acquired Immunodeficiency Syndrome (JAIDS)</i>

## **b. Manuscript and Other Document/Publication Review**

1. Reviewer, *The American Journal of Tropical Medicine and Hygiene*
2. Reviewer, *The International Journal of Tuberculosis and Lung Disease (ITJLD)*
3. Reviewer, *Clinical Infectious Diseases (CID)*
4. Reviewer, *JAMA*
5. Reviewer, *New England Journal of Medicine (NEJM)*
6. Reviewer, *Journal of Acquired Immunodeficiency Syndrome (JAIDS)*
7. Reviewer, *AIDS and Behavior*
8. Reviewer, *AIDS Care*
9. Reviewer, South African Medical Research Council, HIV/TB Research Grant Proposals
10. Reviewer, *PLoS Medicine*
11. Reviewer, *The Lancet*
12. Reviewer, *HIV Therapy*
13. Reviewer, *Social Science Medicine*
14. Reviewer, *HIV Clinical Trials*
15. Reviewer, *The Lancet HIV*

## **c. Study Sections, Review Panels, and Advisory Boards**

### **A. NIH Study Sections**

<b>Date</b>	<b>Position</b>	<b>Organization and Nature of Activity</b>
November 8, 2011	Study Section Expert Panel Member	NIH. RFA MH-12-060 and 12-061: "Promoting Engagement in Care and Timely Antiretroviral Initiation Following HIV Diagnosis"
June 16-17, 2014	Study Section Expert Panel Member	NIH. PAR 14-028: "mHealth: Technology & Outcomes in Low and Middle-Income Countries"

<b>Date</b>	<b>Position</b>	<b>Organization and Nature of Activity</b>
July 30, 2014	Study Section Expert Panel Member	NIH. RFA-AI-14-009: “USA-South Africa Collaborative Bio-Medical Research”
June 11-12, 2015	Study Section Expert Panel Member	NIH. PAR 14-028: “mHealth: Technology & Outcomes in Low and Middle-Income Countries”
July 7-8, 2015	Study Section Expert Panel Member	NIH. RFA-AI-14-071: Innovative Measures of Oral Medication Adherence for HIV Treatment and Prevention (R01)
October 26-27, 2015	Study Section Expert Panel Member	NIH. RFA-AI-15-020: “NIH PEPFAR Collaboration on Implementation Science for HIV”
July 11-12/2017	Study Section Expert Panel Member	NIH/NIAID; AIDS Clinical Studies and Epidemiology (ACE) Study Section, Courtyard Long Beach, Long Beach, CA, USA
June 28/2017	Study Section Expert Panel Member	NIH/FIC: 2017/08 ZRG1 IDM-U (56) R PAR-16-407: Emerging Epidemic Virus Research Training, National Institutes of Health, Bethesda, MD, USA
July 31-August 1/2018	Study Section	NIH/NIAID, AIDS Clinical Studies and Epidemiology (ACE) Study Section, Mayflower Hotel, Washington, DC, USA
December 10-11, 2011	Study Section	NIH/Fogarty HIV Research Training Programs for Low- and Middle-Income Country Institutions ZRG1 AARR-N(57) (D71, D43, G11 Grant Applications). Washington DC, USA. Embassy Suites Chevy Chase, Washington DC, USA

## **B. Other Scientific Expert Panels**

<b>Date</b>	<b>Position</b>	<b>Organization and Nature of Activity</b>
2001-2002	Consultant	World Bank: Multi-Sectoral Response Against HIV/AIDS in sub-Saharan Africa, Washington DC, USA



<b>Date</b>	<b>Position</b>	<b>Organization and Nature of Activity</b>
Oct 11-12, 2001	Ad Hoc Expert Panel Member	UNDP/World Bank/WHO: Special Program for Research and Training in Tropical Diseases (TDR): Meeting on International Coordination for TB Clinical Trial Working Group, Geneva, Switzerland
Oct 14, 2005	Ad Hoc Expert Panel Member	European Developing Countries Clinical Trial Partnership (EDCTP): Tuberculosis and HIV/AIDS Grant Applications Review Panel, The Hague, The Netherland
May 16, 2008	Ad Hoc Expert Panel Member	European Developing Countries Clinical Trial Partnership (EDCTP): Tuberculosis and HIV/AIDS Grant Applications Review
Oct 26-28, 2010	Ad Hoc Expert Panel Member	Evidence Review Meeting on HIV-related Opportunistic Infections, Cancers within the Integrated Management of Adults and Adolescent Illness (IMAI) District Clinical Manual, Geneva, Switzerland
Dec 14-15, 2010	Consultant	WHO/PEPFAR; Consultation on Transformative Scale Up of Medical, Nursing and Midwifery Education in Africa, Geneva, Switzerland
April 10, 2011	Ad Hoc Expert Panel Member	US/CDC: Conducting Public Health Research Through the Field Epidemiology and Laboratory Training Programs (FETPs/FELTPs); Atlanta, GA, USA
Aug 11-12, 2011	Ad Hoc Expert Panel Member	HIV Drug Resistance Research Network (HIVResNet) Expert Advisory Meeting on Early Warning Indicator for Antiretroviral Therapy Treatment Failure and Drug Resistance. Geneva, Switzerland
Nov 14-18, 2011	Ad Hoc Expert Panel Member	European Union (EU) Commission to review research proposals submitted for the call: FP7-Health-2012-Innovation-1, Brussels, Belgium
Oct 10-11, 2012	Ad Hoc Expert Panel Member	Collaborative HIV and Anti-HIV Drug Resistance Network (CHAIN) and WHO HIVResNet; Consultation on Implications of HIV Drug Resistance on Choice of 1 <sup>st</sup> and 2 <sup>nd</sup> Line Therapies in resource-limited settings, Hotel Warwick, London, UK

<b>Date</b>	<b>Position</b>	<b>Organization and Nature of Activity</b>
May 2-4, 2012	Ad Hoc Expert Panel Member	WHO: Consultation Meeting on the Strategic Use of Antiretroviral Therapy, Geneva, Switzerland
2013 to present	Working Group Member	NIH-NIAID AIDS Clinical Trial Group (ACTG)'s Tuberculosis Host-Directed Therapy (HDT) Working Group and Lead HIV Investigator
Sept 24-26, 2014	Ad Hoc Expert Panel Member	WHO: Scoping Consultation on Simplifying Care Models for People Living with HIV, Geneva, Switzerland
June 16-19, 2015	Ad Hoc Expert Panel Member	WHO: The 2015 Antiretroviral Therapy Consolidated - Operational Guidelines Development Group Meeting, Chavannes-de-Bogis, Switzerland.
July 18, 2015	Ad Hoc Expert Panel Member	Bill and Melinda Gates Foundation: Expert HIV Consultant Meeting to focus on Intervention Strategies to Improve Linkage to Care, Retention and Adherence to Antiretroviral Therapy in Resource-Limited Settings, Vancouver, Canada
Sept 28-29, 2015	Ad Hoc Expert Panel Member	WHO: Global Competency in Clinical Research, Hotel de Alpes, Geneva, Switzerland
Oct 28, 2015	Ad Hoc Expert Panel Member	US CDC: Special Emphasis Panel (SEP) to determine merit of response to a funding announcement in area of conducting global public health research. Video-Conference Meeting.
November, 2017 to present	Member-at-Large	AIDS Clinical Trial Group (ACTG) Scientific Agenda Steering Committee (SASC) supported by US National Institutes of Health, National Institutes of Allergy and Infectious Diseases (NIAID)

### **C. Advisory Boards**

<b>Date</b>	<b>Position</b>	<b>Organization and Nature of Activity</b>
2008-12	Board Member	International Association of Providers in AIDS Care, Washington DC, USA. <a href="http://www.iapac.org">www.iapac.org</a>

<b>Date</b>	<b>Position</b>	<b>Organization and Nature of Activity</b>
2010-12	Board Member	Child Health Foundation, Columbia, MD, USA <a href="http://www.childhealthfoundation.org">www.childhealthfoundation.org</a>
2012 to present	Board Member	The Area Health Education Center (AHEC) Project. Stellenbosch University, Cape Town, South Africa. <a href="http://www.suncep.sun.ac.za/SBI/AHEC_tutor.html">http://www.suncep.sun.ac.za/SBI/AHEC_tutor.html</a>

#### **d. Leadership in Scholarly and Professional Organizations and Honorary Societies**

<b>Date</b>	<b>Position</b>	<b>Organization</b>
1999 to present	Member	Infectious Diseases Society of America (IDSA). <a href="http://www.idsociety.org">www.idsociety.org</a>
1999 to present	Member	HIV Medicine Association (HIVMA) of IDSA. <a href="http://www.hivma.org/Home.aspx">http://www.hivma.org/Home.aspx</a>
1999 to present	Member	American Society of Tropical Medicine and Hygiene (ASTMH). <a href="http://www.astmh.org">www.astmh.org</a>
2003 to present	Chair of the Annual Meeting Scientific Program Committee: HIV and co-Infections Section	American Society of Tropical Medicine and Hygiene (ASTMH). <a href="http://www.astmh.org">www.astmh.org</a>
2007 to present	Member	International AIDS Society (IAS). <a href="http://www.iasociety.org">www.iasociety.org</a>
2008 to present	Member	International Association of Providers in AIDS Care. <a href="http://www.iapac.org">www.iapac.org</a>
2008 to present	Member Elect	Academy of Sciences of South Africa. <a href="http://www.assaf.co.za">www.assaf.co.za</a>
2014 to present	Fellow Elect	Royal College of Physicians, Edinburgh, UK <a href="http://www.rcpe.ac.uk">www.rcpe.ac.uk</a>
2017 to present	Member-at-Large	AIDS Clinical Trial Group (ACTG) Scientific Agenda Steering Committee (SASC)

2018 to  
present

Fellow Elect

supported by US National Institutes of Health,  
National Institutes of Allergy and Infectious  
Diseases (NIAID)

African Academy of Sciences  
<https://aasciences.ac.ke/>