BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors. Follow this format for each person. DO NOT EXCEED FIVE PAGES.

NAME: Wester, C. William
eRA COMMONS USER NAME (agency login): wwester
POSITION TITLE: Associate Professor of Medicine

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)

<table>
<thead>
<tr>
<th>INSTITUTION AND LOCATION</th>
<th>DEGREE (if applicable)</th>
<th>Completion Date MM/YYYY</th>
<th>FIELD OF STUDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowdoin College , Brunswick, ME</td>
<td>BA</td>
<td>06/1987</td>
<td>Biology and Economics</td>
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<tr>
<td>Dartmouth Medical School , Hanover , NH</td>
<td>MD</td>
<td>06/1991</td>
<td>Medicine</td>
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<tr>
<td>Harvard School of Public Health, Boston, MA</td>
<td>MPH</td>
<td>11/2010</td>
<td>Quantitative Methods</td>
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A. Personal Statement

The goal of my present research includes long-term HIV complications with a focus on HIV-associated kidney disease and implementation science in resource-limited settings of the world. In addition, I have served as the Co-Chair of the IeDEA Site Assessment Working Group (with Denis Nash) for the past 1.5 years and have been actively engaged in the collection and analysis of site level data for the purposes of informing and improving ongoing clinical initiatives/programs in such settings.

Recently completed grant-funded studies include the determination of clinical, laboratory, and host genetic risk factors associated with the development of lactic acidosis, pancreatitis, nevirapine-related cutaneous hypersensitivity reactions, and other metabolic/potentially inflammatory mediated complications including HIV-associated renal, hepatic, and cardiovascular disease. This work has bridged outcomes-epidemiology and clinical-translational research domains and has allowed me to successfully attain NIH-funded grants on which I serve as Principal or Co-Principal Investigator.

With my extensive HIV/AIDS research experience in resource-limited settings, focusing on long-term complications with particular expertise and leadership experience in site level data within IeDEA, specifically in the area of non-communicable diseases (NCDs), coupled with my extensive regional experience, namely working (and residing full-time) in Botswana for 8 years (2000-2008) where I worked for the Harvard School of Public Health and was actively involved in clinical research plus many years of experience working with Dr. Aliyu and the team on his CDC-PEPFAR Nigerian initiative where I served a clinical advisor/trainer and was able to spend considerable time in-country engaged in the training/mentoring of physicians as well as my ongoing involvement as Project Director of our large ongoing CDC-PEPFAR funded “Avante Zambézia: Technical Assistance to the Ministry of Health (MOH) for HIV Services and Program Transition in Zambézia Province, Mozambique” grant award (2012-2017), I am uniquely qualified to serve as Contact PI of this proposed NIAID-funded Nigeria-based R01 study entitled the “Optimal Management of HIV Infected Adults At Risk for Kidney Complications in Nigeria.”

B. Positions and Honors

Positions and Employment

1994 - 1998 Clinical Instructor, Rush Medical College, Chicago, IL
1998 - 2000 Infectious Diseases Attending Physician, Cook County (Stroger Memorial) Hospital, Chicago, IL
1998 - 2000 Assistant Professor of Medicine, Rush Medical College, Chicago, IL
1999 - 2000 Principal Investigator, Terry Beirn Community Programs for Clinical Research on AIDS (CPCRA), The Core Center, Cook County Hospital, Chicago, IL
1999 - 2000 Co-Investigator, Adult Clinical Trials Group (ACTG) Research Trials., The CORE Center, Cook County Hospital, Chicago, IL
2000 - Research Associate, Harvard School of Public Health, Boston, MA
C. Contribution to Science

1. Scale-up of Comprehensive HIV/AIDS Services in Resource-limited settings / Implementation Science:


2. Complications of HIV/AIDS (including antiretroviral medication-related toxicity and end-organ complications):

   a. Wester CW, Koethe JR, Shepherd BE, Stinnette SE, Rebeiro PF, Kipp AM, Hong H, Bussmann H, Gaolathe T, McGowan CC, Sterling TR, Marlink RG. Non-AIDS-defining events among HIV-1-infected adults receiving combination antiretroviral therapy in resource-replete versus resource-limited urban


3. Prevention of Mother-to-Child Transmission (PMTCT):


4. Risk Factors for Untoward HIV/AIDS Outcomes (mortality, loss to follow-up, etc.):


A full list of my publications may be found at: http://www.ncbi.nlm.nih.gov/sites/myncbi/1HSsewwv6gd5A/bibliography/43390763/public/?sort=date&direction=ascending.

D. Research Support

Active Research Support

1U2GGH000812-03, Wester, C. William (PI) 2012/09/30-2017/09/29
Centers for Disease Control and Prevention / President’s Emergency Plan for AIDS Relief (CDC-PEPFAR)
Avante Zambézia: Technical Assistance to the Ministry of Health (MOH) for HIV Services and Program Transition in Zambézia Province, Mozambique

This large CDC-PEPFAR-funded initiative entitled “Avante Zambézia” (“Go forward” Zambézia province) where Dr. Wester and the team offer comprehensive HIV services (including the provision of ART including ART for PMTCT) to HIV-infected persons residing in 14 of Zambézia provinces 23 districts. Avante Zambézia goals are as follows: (i) To expand HIV-related clinical services; (ii) To enhance clinical knowledge and skills among health care workers at health facility, district, and provincial levels to provide quality HIV-related care; (iii) To increase the quality and capacity of health care planning and management among health sector staff at facility, district, and provincial levels; (iv) To strengthen linkages between communities and the health sector in order to increase enrollment and retention of HIV+ patients; and, notably, and (v) To strengthen capacity of existing local organizations and to transition technical support activities over the project period.
Role: PI

U01 AI096186-04, Wester, C. William (PI) 2011/07/01-2016/06/30
National Institute of Allergy and Infectious Diseases (NIAID)
International epidemiologic Databases to Evaluate AIDS (IeDEA) Network Coordinating Center (INCC) at Vanderbilt
Role: PI