CURRICULUM VITAE

CAROLYN MARIE AUDET

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EDUCATION AND POST-GRADUATE TRAINING

May, 2000 A.B., Bachelor of Arts, New World Civilizations (Magna cum Laude),

Princeton University.

December, 2006 **Ph.D., Anthropology**, Vanderbilt University

October, 2009 Global Health Post-Doctoral Fellowship. Institute for Global Health,

Vanderbilt University School of Medicine.

December, 2013 M.Sc. Epidemiology. London School of Hygiene and Tropical Medicine,

London, UK.

May, 2018 <u>Implementation Science Research Fellow</u>. Implementation Research

Institute at the Center for Mental Health Services at George Warren Brown School of Social Work, Washington University in St. Louis.

PROFESSIONAL APPOINTMENTS

ACADEMIC APPOINTMENTS

 Lecturer, Vanderbilt University, College of Arts and Sciences, Department of Anthropology

January 2007- December 2008

• Research Fellow, Vanderbilt University, Institute for Global Health September, 2008- October, 2009

 Research Assistant Professor, Department of Preventive Medicine, Vanderbilt University

November, 2009- December, 2013

 Assistant Professor, Department of Health Policy, Vanderbilt University Medical Center.

December, 2013- Present

 Assistant Professor, Center for Medicine, Health and Society, Vanderbilt University, College of Arts and Sciences.

December, 2013- Present

- Assistant Director of Community-based Implementation Science, Center for Clinical Quality and Implementation Research, Vanderbilt University Medical Center. May, 2017- Present
- Assistant Professor, Division of Epidemiology, Department of Medicine, Vanderbilt University Medical Center May, 2018 - Present

PROFESSIONAL ORGANIZATIONS

- American Anthropology Association; January, 2008- December, 2012
- Medical Anthropology Association; <u>January</u>, <u>2009- December</u>, <u>2012</u>
- American Evaluation Association; January, 2013- December, 2015
- American Psychological Association; January, 2014- December, 2017
- American Society for Tropical Medicine and Hygiene; January, 2015- December, 2018
- International AIDS Society; January, 2008- Present
- Academy Health; January, 2016- Present
- Society for Implementation Research Collaboration; January, 2017- Present
- American Association for the Advancement of Science; January, 2019- Present
- Consortium of Universities for Global Health; January, 2019- Present

PROFESSIONAL ACTIVITIES

AWARDS AND HONORS

- Martin Dale Fellowship, Princeton University; May 1998
- Magna cum Laude, Princeton University; May 2000
- **Graduate Student Merit Scholarship**, Vanderbilt University, College of Arts and Science; August 2001-December 2006
- Department of Religion Dissertation Research Award, Vanderbilt University, College of Arts and Science; May 2004
- School of Arts and Science Dissertation Research Award, Vanderbilt University, College of Arts and Science. May 2005
- International Union against STIs Conference Award, Cape Town, South Africa; December, 2009
- The Luso-American Response Conference on HIV/AIDS Research Travel Award, Lisbon, Portugal; September, 2011
- Elliot Newman Society Member, Department of Medicine, Vanderbilt University Medical Center; November, 2012-Present
- Implementation Science Institute Fellow, Washington University in St. Louis, St. Louis; May, 2016-May, 2018

GRANT REVIEW ACTIVITIES

- NIH-funded Building University Infrastructure Leading to Diversity Initiative (BUILD) program (Portland State University); <u>January 2016</u>
- ESTHER Switzerland Project, European ESTHER Alliance (Bern); October, 2016
- Medical Research Council, MRC Jointly Funded Initiatives (UK); May, 2016 & May, 2017
- National Institute for Mental Health K43 ICP1 study section meeting; May, 2017
- National Institute for Mental Health K99/R00: Pathway to Independence Award; November, 2017

- National Institute for Mental Health Special Emphasis Panel/Scientific Review Group 2018/05 ZRG1 AARR-N (56) PAR: Reducing Stigma to Improve HIV/AIDS Care; <u>April</u>, 2018
- National Institute for Mental Health Special Emphasis Panel/Scientific Review Group 2019/01 ZRG1 AARR-N (56) PAR: Reducing Stigma to Improve HIV/AIDS Care; October, 2018
- National Institute for Mental Health 2019/05 HIBI HIV/AIDS Intra- and Inter-personal Determinants and Behavioral Interventions Study Section; March, 2019
- National Institute for Mental Health Population and Public Health Approaches to HIV/AIDS (PPAH) Study Section; November 2019
- National Institute for Mental Health Special Emphasis Panel/Scientific Review Group 2020/05 ZRG1 AARR-N (56) R; March 2020

JOURNAL EDITORIAL BOARDS

• Associate Editor: BMC Pregnancy and Childbirth; August 2016- Present

JOURNAL REVIEWER

- AIDS and Behavior
- AIDS Care
- American Psychologist
- Bio Med Central: Public Health
- Bio Med Central: Alternative and Complementary Medicine
- Bio Med Central: Pregnancy and Childbirth
- Cochrane Review
- Global Journal of Political Science and International Relations
- Health Education Research
- Implementation Science
- Journal Acquired Immune Deficiency Syndrome (JAIDS)
- Journal of Alternative and Complementary Medicine
- PLoS One
- Prevention Science
- Social Science and Medicine

PRESENTATIONS since 2010

- Institute for Global Health, Grand Rounds, **Vanderbilt University**, Nashville TN. "Health Seeking Behavior in Zambézia Province, Mozambique" May, 2010
- Traditional Medicine Planning, **Ministry of Health, Mozambique**, Maputo, Mozambique. "Traditional Healer practices and the impact on health seeking behavior in Zambézia Province, Mozambique" February, 2011
- Institute for Global Health, Grand Rounds, **Vanderbilt University**, Nashville TN. *Traditional Medical Practices in Mozambique*; <u>June</u>, <u>2011</u>
- Friends in Global Health Research Retreat. Quelimane, Mozambique. "The impact of poor clinical practices and alternative medicine on HIV positive patient care" July, 2011
- Department of Pharmacology, **Belmont University**. "Potential Interactions between traditional and allopathic medicine in HIV positive patients" November, 2011
- Institute for Global Health, Grand Rounds, Vanderbilt University, Nashville TN. October, 2012

- Vanderbilt Comprehensive Care Center, Research Meeting, **Vanderbilt University** "The impact of stigma on HIV positive patients in TN" <u>December</u>, 2012
- Infectious Disease Grand Rounds, **Vanderbilt University**. "Creating a System of Collaboration between Allopathic and Traditional medicine in Mozambique" March, 2013
- Department of Monitoring and Evaluation, **University of Waterloo**, Ontario, Canada. "Evaluating community health programs in low-literacy contexts" <u>October</u>, 2013
- Agincourt Rural Facility. **University of Witwatersrand**, Johannesburg, South Africa. "Community Health Workers and the possibilities of health extenders" January, 2014
- Department of Psychiatry, Columbia University, New York, NY. "Engaging traditional healers to improve health outcomes." Grand Rounds. December, 2014
- International Women's Day Panelist: **Scarritt-Bennett Center**, Nashville, TN. Screening and discussion of Six Days Film. March, 2015
- Global Health Week Speaker. Vanderbilt University Medical Center. "Engaging traditional practitioners to improve health outcomes in rural Mozambique" February, 2016
- Family Medicine, Grand Rounds. **Meharry Medical College**, Nashville, TN. "Male Engagement in PMTCT services". June, 2016
- Health Policy Grand Rounds. Vanderbilt University Medical Center. "Family-based HIV care and treatment during pregnancy and post-partum period" December, 2016
- Institute for Global Health, George Washington University, Washington, DC. "Adapting Effective Interventions: Engaging Traditional Healers as Adherence partners for PLHIV in Mozambique." December, 2016
- School of Public Health, **Yale University**, New Haven CT. "Using implementation science methods to improve delivery of HIV care and treatment" February, 2017
- 34 Military Hospital Freetown, **Ministry of Health, Sierra Leone**. Using the ADAPT-ITT model to localize effective health interventions" February, 2017
- School of Medicine, Department of Psychiatry, University of Pennsylvania, Philadelphia, PA. "Creating community-friendly HIV clinical services in rural Mozambique" April, 2017
- CFAR Implementation Science Workshop, **University of Chicago**, Chicago, II. "Engaging implementation science research to improve HIV care and treatment" <u>April</u>, 2018
- Department of Infectious Disease, Ministry of Health, Botswana. "Implementation science to improve HIV care and treatment for expectant mothers and their infants." July, 2018
- Center for Translation Research and Implementation Science. NHLBI Global Health Implementation Research Webinar Series. Strategies for Implementing High-Value Research with Low-Value Technology: How We Decreased Maternal Mortality by 90% in Pregnant Women with Sickle Cell Disease in Ghana. <u>July</u>, 2018
- Department of Health Policy, University of North Carolina, Chapel Hill. "Couple-base HIV care and treatment in Mozambique: Strategies to improve uptake and adherence to ART." <u>February</u>, 2019
- Implementation Science Core, **University of North Carolina, Chapel Hill**. "Implementation science in the context of global health." <u>February, 2019</u>
- Clinical Grand Rounds, **Tintswalo Hospital**, Bushbuckridge, South Africa. "Traditional healing practices in Agincourt, South Africa." April, 2019
- Wits Rural Facility, **University of Witwatersrand**, Agincourt, South Africa. "How to engage traditional healers in community-based HIV counseling and testing." <u>April, 2019</u>

 School of Public Health, University of Witwatersrand, Johannesburg, South Africa. "A new key Population? HIV infection and traditional healers." April, 2019

VANDERBILT UNIVERSITY MEDICAL CENTER COMMITTEES AND ADVISORY BOARDS

- Latin American Studies MA Application Committee. January- March 2014
- Master in Public Health, Global Health Track Application Reviewer. <u>January 2014</u>-Present
- Visibility Committee, Department of Health Policy. April, 2015- December, 2018
- Future of Vanderbilt Institute for Global Health Sponsor Team/ Committee. <u>January</u>, 2018- December, 2019
- Vanderbilt University Faculty Senator: Strategic Planning and Academic Freedom Committee. September, 2018-Present

EXTERNAL COMMITTEES AND ADVISORY BOARDS

- Treasurer, Global Health Interest Group. Academy Health, Washington, DC. <u>January</u>, 2018-April, 2019
- Chair, Global Health Interest Group. Academy Health, Washington, D.C. <u>May</u>, 2019-2020
- **Member**, ViiV Healthcare Implementation Science Training and Education Steering Committee, GlaxoSmithKline, London UK. <u>April, 2019- Present</u>

TEACHING ACTIVITIES

COURSES DEVELOPED & TAUGHT

Vanderbilt University School of Medicine

- MHS 313/ VIGH 5248 Medical Anthropology; October- November, 2012
- PUBH 5523-01 Qualitative Research Analysis; January April 2017
- PUBH 5522-01 Qualitative Research Methods; Annually, October-November, 2016-2019
- PUBH 5541-01 Essential Skills in Global Health; Annually, January- April; 2014-2020
- PUBH 5565-01 Implementation Science. Annually, January- April; 2019-2020

Vanderbilt University School of Arts and Sciences

- ANTH 103 Biological Anthropology; January- April, 2007
- MHS 290 Disease and Culture; January- April, 2008 & 2011
- ANTH 212 Maya Archaeology; September December, 2009
- MHS 090 HIV and Culture; January- April; 2010 & 2011

GUEST LECTURES FOR VANDERBILT COURSES

- Kampala Project (HIV and African history to VU undergraduates, 2011, 2012)
- Global Health Skills (survey methods to MPH students, 2014, 2015)
- Music and Global Health (HIV and Global Health Lectures to VU undergraduates, 2015)
- Qualitative Research Methods to Research Scholars (residents and physicians, 2015, 2016)
- Special Topics in Health and Human Services (Global Health to Peabody students, 2016)
- HODH 3231 Introduction to Health Services (VU undergraduates, 2016, 2017)

- K Award Grant Writing (VU Fellows and MHP students, 2017, 2018)
- Community Health Research in Anthropology (VU undergraduates, 2017)
- Low Resource Bio-engineering (VU undergraduates 2018, 2019)
- Health Care Systems (VU undergraduates 2016, 2017, 2018)

Degree-Candidate Trainees at Vanderbilt

- Kate Groh, MD; May 2008-May, 2011 (IHA Cardiologist)
- Shannon Skinner, **MD** <u>January</u>, <u>2010- May</u>, <u>2012</u> (Internal Medicine Chief Resident, Vanderbilt)
- David Amsalem, **MD** January, 2011- April, 2014 (UCSF Emergency Medicine Resident)
- Laura Edwards, MPH September, 2012- May, 2014 (Abt Associates)
- Imani Brown, MPH September, 2012-May, 2014 (Howard University)
- Erin Hamilton, MPH September, 2014-May, 2016 (Research Manager, University of Washington)
- Erin Graves NP, **MPH** <u>September, 2014-May, 2016</u> (Senior Program Manager, Vanderbilt University Medical Center)
- Benjamin Theobald MD January-May, 2015 (Resident, Greenville Memorial Hospital)
- Jose Arriola Vigo, MD, **MPH** January 2016-April, 2018 (Instructor, VUMC Psychiatry)
- Folasade Arinze, MD, MPH January 2016-May, 2017 (CDC)
- Miller Morris, MS, MPH September, 2017-May, 2019 (VU MPH student)
- Lucy Spalluto, MD, MPH <u>December, 2017-January, 2019</u> (Assistant Professor, Radiology, VUMC)
- Jennifer Lewis, MD, MPH December, 2018- Present (Instructor, Medicine, VUMC)
- Danny Sack, PhD (Epidemiology), MD September, 2018-Present (VU MD/PhD student)
- Arlyn Horn, **MPH**, PharmD September, 2018-Present (VU MPH student)
- Victoria Umutoni, **MPH** September, 2019-Present (VU MPH Student)

Non-Degree Mentees

- Beth Prusaczyk, PhD; Post-doctoral Fellowship in Implementation Science, Vanderbilt University September, 2017-April, 2019, Assistant Professor, Washington University in St. Louis.
- Jessica Perkins, PhD; K01 Award; Assistant Professor, Peabody College, Vanderbilt University <u>September, 2018-Present</u>
- T.A. McDonald, PhD; K12 Award, Research Instructor, Department of Neurology, VUMC September, 2019-Present
- Sophia Kostelanetz, MD; **Post-doctoral Fellowship in Implementation Science**, Vanderbilt University September, 2019-Present
- Hillary Spencer, MD; Clinical Fellow, Department of Pediatrics, <u>September, 2019-</u> Present
- Jennifer Lewis, MD, MPH, **Instructor**, Department of Medicine, <u>September, 2019-</u> Present

External Mentoring Activities

- **MPH** Thesis Advisor, Elvino Chiau, Universidade Politecnica in Quelimane, Mozambique January, 2015-October, 2017
- PhD Thesis Examiner, Thembelihle Zuma, University of KwaZulu-Natal, South Africa; December, 2017

Group Mentoring Activities

Mentoring 15-20 Post-Doctoral Fellows/Assistant Professors on implementation science grant writing via monthly meetings. September, 2018-Present

RESEARCH PROGRAM

ViiV Healthcare (Joint venture between GSK & Pfizer)(Audet) 11/30/2011- 11/30/2014

ViiV Positive Action for Children Fund

We assessed the clinical impacts of educating and engaging men in antenatal care in a rural clinical site in Zambézia Province, Mozambique. We promoted education among men and their mothers to increase engagement of pregnant women in an effort to improve uptake of health services, including prevention of mother to child transmission.

Total Award: 530,000 USD

Percent Effort: 20%

Role: Principal Investigator

PS002770-01 (Dawson-Rose)

09/30/2010-09/29/2015

CDC/PEPFAR

Scaling up Comprehensive Positive Prevention in the Republic of Mozambique

This service grant provides treatment partners with the skills necessary to improved HIV care, treatment, and support for those living in Mozambique. We are testing several strategies to improve referrals, counselling, and support for HIV positive individuals, including those living in the most rural areas.

Total Award: 400.000 USD

Percent Effort: 25%

Role: Vanderbilt Principal Investigator

Amos Christie Award (Audet)

08/10/2011- 11/01/2014

Vanderbilt Institute for Global Health

Assessment of the impact of an educational training on traditional healers HIV knowledge and their ability to refer patients to the health care facility in Zambézia Province, Mozambique

Total Award: 30,000 USD

Percent Effort: 0%

Role: Principal Investigator

R01HD075075-01 (Aliyu, PI)

09/28/2012 - 06/30/2015

NIH/NICHHD/PEPFAR

Optimizing integrated PMTCT services in rural North-Central Nigeria. This parallel, cluster randomized trial seeks to evaluate the impact of a family-focused PMTCT package that includes: 1) task-shifting to lower-cadre providers at PMTCT sites; 2) Point of care CD4+ cell count testing; (3) Integrated mother-infant care; and (4) a prominent role for influential family members (male partners), working in close partnership with community-based health workers/volunteers.

Total Award: 895.092 Percent Effort: 10% **Role: Co-Investigator**

VCTRS Award Program (Audet)

11/01/2012-05/30/2015

The Vanderbilt Clinical & Translational Research Scholars (VCTRS) Program provides junior faculty and fellowship level trainees up to three years of K award equivalent funding, who have been offered a faculty appointment and are committed to a career in clinical or translational investigation, with a mentored research apprenticeship integrated with the didactic training of the MSCI or MPH programs. Research is focused on developing a formal and scalable system to incorporate traditional health practitioners into the allopathic health system.

Total Award: 450,000 USD

Percent Effort: 75%

Role: Principal Investigator

NIMH K01MH107255-01(**Audet**)

06/01/2015- 05/31/2019

This National Institute of Mental Health K01 award, Traditional Healers as Adherence Partners for PLHIV in Rural Mozambique, will provide 4 years of protected time for research and training during my time as an Assistant Professor. My research will focus on developing a novel strategy for engaging traditional healers as treatment advocates, educators, and adherence coaches for patients newly diagnosed with HIV in Zambézia Province, Mozambique. The training component will include additional training in psychometrics and survey analysis.

Total Award: 558,069 USD

Percent Effort: 75%

Role: Principal Investigator

U2GGH000812/U2GGH002071 (Wester)

05/01/2015-09/30/2017

CDC-GAP Public Health Evaluation

I was the Principal Investigator of a CDC public health evaluation to evaluate a novel strategy to increase clinical service health seeking behavior as well as update and adherence to post-exposure prophylaxis among girls and women who experienced sexual assault in one of ten districts in rural Mozambique.

Total Award: 400,000 USD

Percent Effort: 10%

Role: Principal Investigator of Public Health Evaluation

U2GGH000812/ U2GGH002071/ U2GGH001943 (Wester)

05/01/2016-09/30/2018

CDC-GAP Public Health Evaluation:

I was the Principal Investigator of a CDC public health evaluation to evaluate patient satisfaction among HIV-infected patients receiving clinical services at one of 14 clinical sites in rural Mozambique.

Total Award: 162,000 USD Percent Effort: 10%

Role: Principal Investigator of Public Health Evaluation

R01MH113478-01 (**Audet**)

05/14/2017-05/30/2022

The primary objectives of Partners-based HIV Treatment for Sero-concordant Couples attending Antenatal Care are to evaluate the impact and cost-effectiveness of couples-centered services for HIV-infected seroconcordant pregnant women and their partners. Our intervention includes: (1) ANC-based couples HIV testing, ART enrollment, and care for HIV+ expectant couples; (2) Couple-based treatment in the post-partum period; (3) Couple-based education and skills building; and (4) Treatment continuity with the support of expert-patient (peer) supporters from couples who have successfully navigated EMTCT.

Total Award: 2,600,000 USD

Percent Effort: 25%

Role: Principal Investigator

5K12HL137943-02 (Kripalani)

09/01/2017-08/31/2022

Major gaps exist in the widespread implementation of proven clinical interventions into practice, which greatly limits the positive health impact of scientific discoveries. This new application seeks to establish the Vanderbilt Scholars in T4 Translational Research (V-STTaR) Program, to help train the next generation of implementation scientists to advance and improve population health in heart, lung, blood, and sleep (HLBS) disorders.

Total Award: 908,578 Percent Effort: 5% **Role: Co-Investigator**

VUMC 66089 (Himelhoch)

08/01/2018 - 06/30/2020

Department of Health and Human Services. Evaluation of the Tennessee Comprehensive Cancer Control Program. This evaluation of the state of Tennessee's comprehensive cancer program is a 2-year evaluation of the scale up of evidence-based practices to prevent common cancers. My contribution will be the development of qualitative instruments to collect data on barriers and facilitators to program implementation.

Total Award: XXXX
Percent Effort: 5%
Role: Co-investigator

R01AA025947 (Wainberg)

09/20/2018 - 08/31/2023

Hazardous drinking (HD) is a major public health burden worldwide with significant morbidity and mortality. The prevention and treatment gap associated with this global burden requires that efficacious interventions be scaled-up, leveraging existing platforms and participation of policy makers ready to apply and sustain evidence-informed policies over time. To reduce HD, the WHO recommends using Screening, Brief Intervention, Referral to Treatment (SBIRT) and the mental health Gap Action Programme guidelines (mhGAP). Community I-STAR Mozambique: Community Implementation of SBIRT using Technology for Alcohol Reduction will employ community health workers equipped with mobile screening and treatment tools to identify and treat people at risk of alcohol abuse in rural Mozambique. My contribution will include the development of a community health worker system to roll out the intervention as well as the analysis and interpretation of SBIRTmHealth data.

Total Award: 3,500,000 Percent Effort: 8% **Role: Co-Investigator**

R01NS113171 (Trevathan)

08/01/2019-05/31/2024

Narrative About half of the world's children with epilepsy do not receive treatment – known as the epilepsy treatment gap – with significantly higher rates (67%-90%) in low- and middle-income countries (LMICs). We will conduct the first cluster-randomized clinical trial (cRCT) to determine the efficacy, implementation, and cost-effectiveness of a novel intervention shifting childhood epilepsy care to epilepsy-trained community health extension workers in an effort to close the epilepsy treatment gap. This research will provide information to help extend epilepsy treatment to children in LMICs and worldwide who suffer from untreated seizures.

Total Award: \$5,855,721 Percent Effort: 10% **Role: Co-Investigator**

R01MH113478-01 (Competitive Supplement) (Audet)

11/1/2019 – 10/31/2020

Partners-based HIV Treatment for Sero-concordant Couples attending Antenatal Care: Increasing family-based support for PrEP adherence among discordant couples through storytelling. The purpose of this supplement to Dr. Audet's R01 on partners-based HIV

treatment for sero-concordant couples attending antenatal care is to evaluate the clinical impact and mechanisms of a family-based storytelling intervention (vs. couples counseling) to improve PrEP adherence and retention among at-risk pregnant/lactating women and their HIV-infected male partners in rural Mozambique.

Total Award: 199,244 USD Percent Effort: 20%

Role: Principal-Investigator

R01DK12081401A1 (Chakkalakal)

15/09/2019- 31/07/2024

The Health Plus Diabetes Prevention Program (HP-DPP) is a highly effective employer-based weight management program available to approximately 25,000 employees of Vanderbilt University (VU) and Vanderbilt University Medical Center (VUMC). However, limited participation in the HP-DPP has prevented the program from having a greater impact on obesity and obesity-related illness among VU/VUMC employees. The purpose of this program evaluation is to determine if adding a video-teleconference (VTC) participation option (as a telehealth platform) to the HP-DPP can increase the public health impact of the program by improving its reach while maintaining its effectiveness and implementation.

Total Award: 2,665,000 Percent Effort: 15% **Role: Co-Investigator**

CDC Grant (White)

01/09/2019- 01/03/2021

Development and Implementation of a Comprehensive Care Bundle for Patients with Bacterial or Fungal Infection Related to Injection Drug Use. Consistent with the Task Order purpose, we will develop and implement hospital-wide protocols at VUMC to 1) identify PWID who present or develop bacterial or fungal infections, 2) offer and initiate MAT to patients who meet diagnostic criteria for OUD, 3) offer overdose prevention and education for patients with OUD, 4) screen and vaccinate for blood borne pathogens, 5) offer of HIV PrEP, 6) treat and educate regarding infectious complications of injection drug use, and 7) link patients to post-acute care continuation of MAT, HIV PrEP, and treatment of bacterial or fungal infections.

Total Award: 799,954 USD

Percent Effort: 15% Role: Co-investigator

R21TW011327-01 (Ahonkhai)

26/09/2019-30/04/2021

AIDS-related deaths have continued to increase significantly among adolescents and young adults (AYA) living with HIV, attributed in large part to poor adherence to antiretroviral therapy. Peer relationships play a central role for AYA and can be leveraged, along with financial rewards, to incentivize health behaviors. In this proposal, we aim to adapt and pilot a novel behavioral intervention that uses an mHealth platform to harness both social, peer-based incentives and lottery-based financial incentives to promote medication adherence among AYA in Nigeria.

Total Award: 250,000 USD

Percent Effort 5% Role: Co-investigator

VA Office of Rural Health (Lewis and Spalluto)

17/01/2019- 01/01/2021

VA-Partnership to increase Access to Lung Screening National Program Evaluation. VA-PALS aims to implement lung screening programs and improve access to early detection of lung cancer for at-risk veterans at 10 VA sites across the country, one of which is the Tennessee

Valley Healthcare System. Resources provided by VA-PALS include a comprehensive electronic nodule management program and a program coordinator at each site.

Total Award: \$154,000 Percent Effort: 0% Role: Co-Investigator

Dept of Justice/ TN Dept of Mental Health and Substance Abuse (**Audet**) 1/1/2020-01/10/2022 Peer Recovery Specialists and Case Managers are being hired to identify and assist those with a non-fatal overdose (identified via EDs, EMS, or self-referral) as well as those who self-report addition issues across the state of TN. The effectiveness of this intervention on client uptake of addiction and mental health services, as well as future over dose events, is not understood. We will assess the impact of these projects on 6 countries in TN. This grant, funded by the Department of Justice, will allow the state to hire the necessary staff to support those struggling with addiction.

Total Award: 225,000 USD

Percent Effort: 10%

Role: Principal-Investigator

Dept of Justice/TN Dept of Mental Health and Substance Abuse (**Audet**) 1/2/2020-10/31/2020 Peer Recovery Specialists and Case Managers are being hired to identify and assist those with a non-fatal overdose (identified via EDs, EMS, or self-referral) as well as those who self-report addition issues across the state of TN. The effectiveness of this intervention on client uptake of addiction and mental health services, as well as future over dose events, is not understood. We will assess the impact of these projects on 2 countries in TN.

Total Award: 92,000 USD Percent Effort 10%

Role: Principal-Investigator

Grants with JIT Request in progress

R21AI150302-01 (Audet)

The Risk of HIV Acquisition among Traditional Healers in South Africa: Implementing Novel

Strategies to improve protective Behaviors

Percent Effort: 15%

Total Award: 355,000 USD

Grant Applications Pending Review

R34MH122259-01 (**Audet**)

Traditional healers as HIV testers (previous application scored 45)

Pending IRG Review March 2020

Total Award: 450,000 USD Role: **Principal Investigator**

R21AI150302-01 (Audet)

The Risk of HIV Acquisition among Traditional Healers in South Africa: Implementing Novel

Strategies to improve protective Behaviors (previous application scored 31)

Pending IRG Review February 2020

Total Award: 250,000 USD Role: **Principal Investigator**

R01NIAID Number Pending (Kipp)

Multi-level and Intersectional Stigma and other Social determinant Effects on TB case

Detection, care, and treatment outcomes: The MISSED TB Outcomes Study.

Role: **Co-Investigator** (Subcontract from Eastern Carolina University)

Total Award: 2,500,000 USD

Pending IRG Review February 2020

Avaho Investigator Initiated Research (IIR) Grant (Spalluto)

Engaging Community Health Workers to increase uptake of Breast Cancer Screening among Latino Women in Nashville.

Total Award: 500,000 USD Role: **Co-Investigator** Pending Review

PUBLICATIONS AND PRESENTATIONS (* mentee led manuscript)

Articles in Peer Reviewed Journals:

- 1. Vermund, SH, **Carolyn M. Audet**, M Martin, and D Heimburger. Confronting ethical issues inherent in global health training. *BMJ* 2010;341:c6860
- 2. **Audet Carolyn M.,** Janeen Burlison, Troy D. Moon, Mohsin Sidat, Alfredo E. Vergara, and Sten H. Vermund. Sociocultural and Epidemiological aspects of HIV/AIDS in Mozambique. *BMC International Health and Human Rights* 2010, **10**:15
- 3. Goth, Kate*, **Carolyn M. Audet**, Mohsin Sidat, Sten H. Vermund, Troy Moon. Perceived Barriers to ART Adherence in Rural Mozambique: A Qualitative Analysis. *BMC Public Health* 2011, 11:650
- 4. **Audet, Carolyn M**, Carla Silva Matos, Meridith Blevins, Aventina Cardoso, Troy D. Moon. Acceptability of Cervical Cancer Screening in Rural Mozambique, *Health Education Research 2012; doi: 10.1093/her/cys008*
- 5. **Audet, Carolyn M.**, Mohsin Sidat, Meridith Blevins, Troy Moon, Bryan Shepherd, Alfredo Vergara, Sten Vermund. Health seeking behavior and HIV knowledge in Zambézia Province, Mozambique. *Social Aspects to HIV/AIDS Journal (SAHARA-J)*. 2012 9(1):41-46
- 6. **Audet, Carolyn M.**, Meridith Blevins, Troy D. Moon, Mohsin Sidat, Bryan E. Shepherd, Paulo Pires, Alfredo Vergara, and Sten H. Vermund. Knowledge and Treatment of HIV/AIDS by traditional healers in central Mozambique. *The Journal of Alternative and Complementary Medicine*. 2012, 18(12): 1133-1141. doi:10.1089/acm.2011.0682.
- 7. Philip J. Ciampa, Shannon L. Skinner*, Sérgio R. Patricio, Russell L. Rothman, Sten H. Vermund, **Carolyn M. Audet**. Comprehensive knowledge of HIV among women in rural Mozambique: development and validation of the HIV Knowledge 27 Scale. *PLoS One* 2012; 7(10): e48676.
- 8. **Audet, Carolyn M**., Kate Groh*, Troy Moon, Sten Vermund, and Mohsin Sidat. Poor quality health services and lack of program support leads to low uptake of HIV testing in rural Mozambique. *African Journal of AIDS Research 2012; 11(4)327-335.*

- 9. Vermund, SH, José A. Tique, MD, Holly M. Cassell, Megan E. Johnson, Philip J. Ciampa, Carolyn M. Audet. Translation of biomedical prevention strategies for HIV: Prospects and pitfalls. *J Acquir Immune Defic Syndr*. 2013 Jun; 63 Suppl 1:S12-25. PMID: 23673881
- 10. Aliyu, Muktar H., Meridith Blevins, Carolyn M. Audet, Bryan E Shepherd, Adiba Hassan, Obinna Onwujekw, Usman I Gebi, Marcia Kalish, Mary Lou Lindegren, Sten H Vermund, C. William Wester. Optimizing PMTCT Service Delivery in Rural Northcentral Nigeria: Protocol and Design for a Cluster Randomized Study. Contemporary Clinical Trials 2013 Jun 28. doi:pii: S1551-7144(13)00105-5. 10.1016/j.cct.2013.06.013. [Epub ahead of print] PMID: 23816493
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Manuscripts under review

- 1. Jennifer Lewis*, Lucy Spalluto, **Carolyn Audet,** Beth Prusaczyk, Christopher J. Lindsell, Carol Callaway-Lane, Robert S. Dittus, Tim Vogus, Pierre P. Massion, Claudia Henschke, David Yankelevitz, Rick Avila, Heather Limper, Sunil Kripilani, Drew Moghanaki, Christianne Roumie, MD MPH. Under Review, *Implementation Science*.
- Miller Morris*, Vincent Okoth, Daniele K. Ressler, Julius Mbeya, Ash Rogers, Healther L. Prigmore, Carrie Vergel de Dios, Troy D. Moon, Carolyn M Audet. The prevalence and predictors of interpersonal violence (IPV) against women in the Rongo sub-county of Migori County, Kenya. Under Review, Sage IPV
- 3. Danny Sack*, Michael Frisby, Matthew A Diemer, Caroline De Schacht, Erin Graves, Aaron Kipp, Almiro Emílio, Ariano Matino, Ezequiel Barreto, Sara Van Rompaey, Kenneth Wallston, **Carolyn M Audet.** Under Review, *BMC Psychology*.
- 4. **Carolyn M. Audet**, Elise M. Clemens, Sizzy Ngobeni, Mevian Mkansi, Daniel E. Sack, Ryan G. Wagner. Throwing the bones to diagnose HIV: Views of rural South African traditional healers on undertaking HIV counselling and testing. Under Review, *AIDS Care*.
- 5. **Carolyn M. Audet**, Elisa Gobbo, Daniel E. Sack, Elise M. Clemens, Sizzy Ngobeni, Mevian Mkansi, Muktar H. Aliyu, and Ryan G. Wagner. Traditional Healers use of Personal Protective Equipment: a qualitative study in rural South Africa. Under Review, *BMC Public Health*

Presentations at Scientific Meetings:

- Audet, Carolyn M. and Mohsin Sidat. Barriers for collaboration between Traditional Healers and National Health System in caring for patients with STD's in Zambézia Province, Mozambique: findings from a qualitative study. Oral Paper Presentation: <u>International Union Against Sexually Transmitted Infections.</u> November 10-13, 2009. Cape Town, South Africa.
- Burlison, L. L Bratcher, Carolyn M Audet and V. Sahasrabuddhe. Research on HPV And Cervical Cancer Prevention in Sub-Saharan Africa: Review Of Evidence And Future Directions. Poster presentation: <u>International Society for STD Research</u>, July 2009, London, UK.
- 3. Bratcher, L, BA Burlison, **Carolyn M Audet**, and V Sahasrabuddhe. HPV, HIV and Impact of Antiretroviral Therapy: Current Evidence and Directions for Future Research. **Poster Presentation:** *International Society for STD Research*, July 2009, London, UK.
- 4. **Audet, Carolyn M**, Janeen Burlison, Lara Bratcher, and Vik Sahasrabuddhe. Sociobehavioral Research on HPV and Cervical Cancer Prevention in Developing Countries: A Review of evidence and directions for future research. **Poster Presentation**: *International Society for STD Research*, July 2009, London, UK.
- 5. **Audet, Carolyn M** and Mohsin Sidat. Understanding of cervical cancer transmission in rural Mozambique: Implications for screening programs and treatment. **Oral Presentation:** *American Anthropological Association Conference*. November 2010, New Orleans, LA.

- 6. Kroh KE, Moon TD, Tonela A, Sidat M, Vergara AE, Vermund SH, **Audet CM**. Experiences and perceptions about antiretroviral therapy in rural Mozambique. **Poster Presentation**: *XVIII International AIDS Conference*. July 2010, Vienna, Austria.
- 7. **Audet Carolyn M**, Blevins MB, Sidat M, Moon TD, Pires P, Vergara AE, Vermund SH. Traditional healers in Zambézia province, Mozambique: HIV prevention knowledge and treatment practice. **Poster Presentation:** *XVIII International AIDS Conference*. July 2010, Vienna, Austria.
- 8. **Audet, Carolyn M**, Troy Moon and Mohsin Sidat. Engaging Traditional Healers to Improve Health Outcomes in Rural Mozambique. **Oral Presentation**: <u>A Collaborative Solution for Tropical Diseases: The Luso-American Response 2011 Conference on HIV/AIDS Research.</u> September 2011, Lisbon, Portugal.
- Skinner S, Audet, Carolyn M, Roques S, Moon TD, Vermund SH, Rothman RL, Ciampa PJ. Oral Presentation: HIV knowledge and testing among pregnant women in rural Mozambique: validation of the HIV Knowledge Scale-27. <u>Society of General Internal Medicine</u>, Orlando, FL. May, 2012.
- 10. Audet, Carolyn M., Meridith Blevins, Caitlin Rosenberg, Sarah Farnsworth, Jorge Fernandez, Jose Salato, Troy Moon, Sten Vermund. Traditional healer consultation is associated with a 3 month delay in HIV testing among symptomatic HIV-positive patients in rural Mozambique. Late Breaker Poster Presentation: <u>XIX International AIDS</u> <u>Conference</u>. Washington DC. July 22-27, 2012.
- 11. **Audet, Carolyn M**., Meridith Blevins, Caitlin Rosenberg, Sarah Farnsworth, Jorge Fernandez, Jose Salato, Troy Moon, Sten Vermund. The Influence of Traditional Healers and "Heal Thyself" Religions on Patient Linkage to HIV Testing Services in Zambézia Province, Mozambique. **Poster Presentation**: <u>Translational Science Meeting</u>, Washington, D.C. April 17-19, 2013.
- 12. **Audet, Carolyn M.,** Yazalde Manuel, Meridith Blevins, Lazaro Calvo, C. William Wester, Sten H. Vermund. Increasing Male Participation in Antenatal Care Services through Community Engagement in Rural Mozambique. **Late Breaker Poster Presentation**: <u>XX</u> *International AIDS Conference*. Melbourne, Australia. July 20-25, 2014
- 13. Audet, Carolyn M., Meridith Blevins, Charlotte Buehler Cherry, Lazaro Gonzalez-Calvo, Ann Green, Melanie Lopez, Omo Olupna, Troy D. Moon. Understanding intra-vaginal and labia stretching practices and associated HIV risk in Zambézia Province, Mozambique. Oral Presentation: <u>American Society for Tropical Medicine and Hygiene</u>. Philadelphia, USA. October 25-28, 2015.
- 14. **Audet, Carolyn M.** Creating a system of collaboration between traditional practitioners and clinicians in Zambézia Province, Mozambique. **Invited Oral Presentation**: 6th Annual <u>Translational Science Research Conference</u>. Nashville, USA. October 30, 2015.
- 15. **Audet, Carolyn M**., José Salato, Meridith Blevins, Wilson Silva, Lázaro González-Calvo, Sten H. Vermund, Felisbela Gaspar. Riscos ocupacionais dos Praticantes de Medicina Tradicional (PMT): Exposições repetidas e desprotegidas ao sangue, correm o risco de

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- 16. Audet, Carolyn M., Sizzy Ngobeni, Ryan Wagner. Claims of a cure: use of CD4 cell count results to guide traditional treatment in Bushbuckridge, South Africa. Oral Poster Presentation. XXI International AIDS Conference. Durban, SA. July 17-22, 2016
- 17. **Audet, Carolyn M**., Sizzy Ngobeni, Ryan Wagner. Is it Tindzhaka or Tuberculosis?: A study of traditional diagnosis and treatment among healers in Bushbuckridge, South Africa. **Oral Presentation**: *American Society for Tropical Medicine and Hygiene*. Atlanta, USA. November 13-17, 2016.
- 18. Audet, Carolyn M. José Salato, Sten Vermund, Rivet Amico. Adapting an Adherence Support Workers intervention: Engaging traditional healers as adherence partners for persons taking antiretroviral therapy in rural Mozambique. Oral Presentation: <u>9th Annual Conference on the Science of Dissemination and Implementation</u>. Washington, DC. December 14-15, 2016
- 19. **Audet, Carolyn M**., Erin Graves, Magdalena Bravo, Fernanda Alvim, Ann Green, Yazalde Chire Manuel. Male engagement strategies effective in improving Option B+ retention in rural Mozambique. **Oral Poster Presentation**. *9*th *IAS Conference on HIV Science*. Paris, France. July 13-26, 2017
- 20. **Audet, Carolyn M**., Lazaro Calvo, Muktar Aliyu, Meridith Blevins, Fernanda Alvim, and Sara Von Rompaey. Sexual orientation, HIV retention and mortality among people living with HIV in rural Mozambique. **Poster Presentation**. *9th IAS Conference on HIV Science*. Paris, France. July 13-26, 2017
- 21. Spalluto, Lucy., Carolyn M. Audet, Velma M. Murry, Yvonne A. Joosten. Developing a Partnership to Facilitate Community Engaged Research in Diagnostic Imaging. Oral Presentation, <u>American College of Radiology Conference</u>. Washington, D.C. May 19-23, 2018
- 22. Audet, Carolyn M., Sara Van Rompaey, Wu Gong, Erin Graves, Magdalena Bravo, Francisco Melo, João Eduardo Malinha, Elsa Chele, Caroline De Schacht. Improved services, health seeking behavior, and outcomes for gender-based violence survivors, including post-exposure prophylaxis (PEP) in rural Zambézia province, Mozambique. Poster Presentation. <a href="https://doi.org/10.108/journal.or
- 23. Audet, Carolyn M., Sizzy Ngobeni, Mevian Mkansi, Floidy Wafawanaka, Muktar H. Aliyu, Kathleen Kahn, Ryan Wagner. Occupational hazards of traditional healers in rural South Africa: Bloodborne pathogen exposures and risk of HIV transmission. Late-Breaker Poster Presentation. 22nd International AIDS Conference. Amsterdam, Netherlands. July 23-26th, 2018
- 24. Audet, Carolyn M. The Science behind Male Partner Engagement in Women's Healthcare. Oral Presentation. XVI Journadad Nacionais de Saúde. Maputo, Mozambique. September 20-23, 2018.

- 25. **Audet, Carolyn M**. Emiliano Billicinho, Jose Salao. A novel strategy to implement community-based HIV counseling services: Engaging traditional healers to translate clinical messages to a low-literacy population. **Oral Presentation**. <u>11th Annual Conference on the Science of Dissemination and Implementation</u>. Washington, DC. December 3-5th, 2018
- M. Morris, Carolyn M. Audet, W. Gong, D. Ressler, T. Moon. The Correlates of Interpersonal Violence in Migori County, Kenya: Toward a Community-Led Model of Change. Poster Presentation. <u>Consortium of Universities for Global Health</u>. Chicago, IL. March 8-10, 2019
- 27. Caroline De Schacht; Sara Van Rompaey; Ezequiel Barreto; Almiro Emílio, Arifo Aboobacar; Erin Graves; **Carolyn M. Audet**. Male engagement optimization in antenatal care clinics to assess need for Pre-Exposure Prophylaxis in serodiscordant couples: estimation based on preliminary data from a cluster randomized trial in Zambézia Province, Mozambique. Oral Presentation. *INTEREST 2019*. Accra, Ghana. May 13-15th, 2019.
- 28. Spalluto LB, Lewis JA, Callaway-Lane C, Stolldorf D, Prusaczyk B, Limper H, Audet Carolyn M, Vogus T, Wiener R, Slatore C, Yankelevitz D, Henschke C, Dittus R, Massion PP, Lindsell C, Kripalani S, Moghanaki D, Roumie CL. Organizational Readiness for Lung Cancer Screening in a Veterans Affairs Healthcare System. <u>International Association for the Study of Lung Cancer 2019 World Conference on Lung Cancer</u>. Barcelona, Spain. September 9, 2019.
- 29. **Audet, Carolyn M**. Strategies to Improve Prevention of Mother-to-child transmisison among couples living in Rural Mozambqiue. **Invited Plenary Presentation**. *Vanderbilt Translational Reserach Forum*. Nashville, TN. October 4, 2019.