Dr. Christina Meade, Associate Professor of Psychiatry and Global Health, has recently received The National Institute on Drug Abuse (NIDA)’s Avenir Award. This esteemed award is presented to creative, early stage investigators who propose highly innovative studies for improved prevention and treatment of HIV within substance using populations who are infected with, or at risk for, HIV/AIDS. Dr. Meade's grant, "Decision Making and HIV Risk: New Approaches to NeuroAIDS Research in Drug Users," will combine respondent-driven sampling and mobile health technology to examine the influence of addiction on decision-making processes and HIV risk behavior among active drug users in real-world settings. As an Avenir Awardee, Dr. Meade will receive up to $300,000 per year for five years to support her innovative research.

The CFAR Immunology Core will be testing a new 13-color CytoFLEX cytometer. It will be available for use for 6 months. Investigators are welcome to test the cytometer at no charge if they agree to share their data and details about their experiment with Beckman Coulter.

Please contact Janet Staats for more information or to schedule time on the instrument.
Congratulations to CFAR member, LaTonya Williams!
Her abstract was selected as a 2015 National CFAR Junior Investigator Presentation. Her poster will be featured at The National CFAR Scientific Symposium, hosted by the University of Washington/Fred Hutch CFAR on November 5, 2015 on the University of Washington campus. The poster will be presented at an evening Gala Dinner at the Bill and Melinda Gates Foundation (BMGF).

Medical Education Partnership Initiative Is Renewed
The Fogarty International Center within the National Institutes of Health has renewed funding for the five-year Medical Education Partnership Initiative (MEPI) between Kilimanjaro Christian Medical University College (KCMC) and the Duke Global Health Institute (DGHI).

A special thanks to Madison Hayes of the UNC CFAR for help getting the Duke CFAR eNewsletter started!

NEW PUBLICATION from the Duke CFAR Social and Behavioral Health Sciences (SBS) Core

Review of Mental Health Interventions for people living with HIV in LMICs
The Duke CFAR Social and Behavioral Sciences (SBS) Core has expertise in global mental health research and the intersections of mental health with HIV prevention and treatment. The SBS Core, led by Dr. Kathy Sikkema, has recently published a new manuscript entitled: Improving mental health among people living with HIV: a review of intervention trials in low- and middle-income countries (LMICs). The review identified 26 papers, published between 2000 and 2014, describing 22 unique interventions. Trials were implemented in sub-Saharan Africa, Asia, and the Middle East, and addressed mental health using a variety of approaches, including cognitive-behavioral, family-level, and pharmacological treatments. Four randomized controlled trials reported significant intervention effects in mental health outcomes, and 11 preliminary studies demonstrated promising findings. The authors conclude that among the limited mental health intervention trials with people living with HIV
(PLWH) in low and middle income countries (LMICs), few demonstrated efficacy. Mental health interventions for PLWH in LMICs must be further developed and adapted for resource-limited settings to improve effectiveness. Download the publication here

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**Upcoming Events**

**Global Health Student Research Training Information Session**
Thursday, October 15, 2015
Trent 124

**World Food Day: Bringing Hunger Home**
Friday, October 16, 2015
Bryan Center Von Canon Rooms

**Duke AIDS Research and Treatment (DART) Community Advisory Board Meeting**
Monday, October 19, 2015
Trent 124

**Learning About Mindfulness, Reflective Practice and Caregiver Well-being from Community Caregivers in a South African Rural Community**
Tuesday, October 20, 2015
Trent 040

**Mental Health Response to the Nepal Earthquake**
Wednesday, October 21, 2015
Trent 040

**CISCRP AWARE for All**
Thursday, October 22, 2015
Friday Center in Chapel Hill

**The Sustainable Development Goals: How Did We Get Here and Where Are We Going?**
Thursday, October 22, 2015
Trent 040

**Showcase: An Event Highlighting Student Global Health Research**
Monday, October 26, 2015
Trent Semans Center for Health Education - Great Hall
Following the 2015 Earthquakes
Tuesday, October 27, 2015
Trent 040
Reflections Six Months After the Nepal Earthquakes: Restoring Physical Health for the Injured
Tuesday, October 27, 2015
Trent 040
Ebola in Sierra Leone: Impact, Lessons Learned and The Way Forward
Thursday, October 29, 2015
Trent 040
Improving Pneumonia Outcomes of HIV-Exposed Uninfected Children in Botswana
Wednesday, November 4, 2015
Trent 040

All Upcoming Events

Funding Opportunities

Ending soon
Creative and Novel Ideas in HIV Research Pilot Program
Due date: Friday, October 16, 2015

• Awards will be funded for 1-2 years, up to $150,000 (direct costs) per year plus applicable indirect costs.
• Ten to twelve grants will be awarded in conjunction with the 21st International AIDS Conference, which will be held in Durban, South Africa from July 17-22, 2016.

Request for proposals: PDF
Visit the CNIHR website for further information
New Characterization of Mycobacterial Induced Immunity in HIV-infected and Uninfected Individuals (R21)


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**New** Dual-Affinity Re-Targeting proteins direct T cell-mediated cytolysis of latently HIV-infected cells.
PMID:26413868

**New** Strain-Specific V3 and CD4 Binding Site Autologous HIV-1 Neutralizing Antibodies Select Neutralization-Resistant Viruses.
PMID: 26355218

**New** Optimization of a multiplex CRISPR/Cas system for use as an antiviral therapeutic.
Kennedy EM, Kornepati AV, Mefferd AL, Marshall JB, Tsai K, Bogerd HP, Cullen BR.
PMID: 26291065

**New** Young Men's Social Network Characteristics and Associations with Sexual Partnership Concurrency in Tanzania.
Yamanis TJ, Fisher JC, Moody JW, Kajula LJ.
AIDS Behav. 2015 Aug 14. [Epub ahead of print]
PMID: 26271813 [PubMed - as supplied by publisher]

**New** HIV-1 VACCINES. Diversion of HIV-1 vaccine-induced immunity by gp41-microbiota cross-reactive antibodies.

Establishment of biochemistry reference values for healthy Tanzanian infants, children and adolescents in Kilimanjaro Region.

Full List of Duke CFAR Publications

If you have content for the Duke CFAR eNewsletter, please send it by the first of the month to kelly.plonk@duke.edu to have it published in the next eNewsletter.

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