



CFAR  *Center for
AIDS Research*
DUKE UNIVERSITY & MEDICAL CENTER

Duke CFAR eNewsletter - March 2016

HIV/AIDS in the News



[The Rare Super-Antibodies that Destroy HIV](#)
The Atlantic

March 10, 2016

A recent study by Duke CFAR members in the DHVI sheds new light on a rare immune response to the virus—and could bring researchers a step closer to developing a vaccine.

[2016 Presidential HIV/AIDS Questionnaire](#)

AIDS United

March 15, 2016



To better understand how presidential candidates will take advantage of the moment to seek an end to the HIV epidemic, a coalition of more than 50 organizations sent a survey to all of the candidates who were running for president at that time. Candidates responses have been published without edits.

**[Legends Dedicated to Eradicating
HIV/AIDS Join Forces](#)**

Huffington Post

March 16, 2016



The Elton John AIDS Foundation (EJAF) and The Elizabeth Taylor AIDS Foundation (ETAF) have teamed up once again in a historic and strategic move to combat the AIDS epidemic in The South, where the focus is desperately needed.

Announcements

[Pratt Pouch Project Funded in Ecuador](#)

Feb. 23, 2016

GSK and Save the Children have awarded \$226,600 to a program that uses a Duke innovation to help prevent mothers from passing HIV to their newborn children in Ecuador. The project uses a product dubbed the “Pratt Pouch”—which looks similar to a fast-food ketchup packet—to deliver anti-HIV medications to infants more accurately and efficiently.

[ID Clinical Minute](#)

March 15, 2016

The Johns Hopkins Center for Clinical Global Health Education is publishing a new blog. The latest issue is a CROI update.

Become a Duke CFAR Member

Upcoming Events

[Generating Evidence for Impact: Experiences Evaluating Health Service Delivery Interventions Across Sub-Saharan Africa](#)

Tuesday, March 22, 2016

Trent 040

[Ethical Issues in Sickle Cell Disease Research in Africa](#)

Wednesday, March 23, 2016

Trent 040

[Current Health and Demographic Challenges in China](#)

Wednesday, March 23, 2016

None

[Genetic Medicine in Africa: Problems, Prospect, Promise](#)

Wednesday, March 23, 2016

Trent 040



[Matthews Lecture: Nature, Nurture and the T Cell Receptor Repertoire](#)

Thursday, March 24, 2016

Great Hall, Trent Semans Center

[Zika Innovation Challenge: Finalist Presentations](#)

Wednesday, March 30, 2016

The Bullpen at Duke Innovation and Entrepreneurship Initiative

[2016 Duke Symposium on Scaling Innovations in Global Health](#)

Friday, April 1, 2016

Trent Semans Center for Health Education - Great Hall

[The Challenge of Cardiovascular Disease in India and Potential Solutions](#)

Tuesday, April 5, 2016

Trent 040

[Towards Narrowing the Treatment Gap for Substance Use Disorders in Cape Town, South Africa](#)

Monday, April 11, 2016

Trent 040

[Building Mental Health Research Networks in the Global South: Experiences from PRIME, AFFIRM and EMERALD](#)

Tuesday, April 12, 2016

Trent 040



[Next Generation Sequencing Seminar: Amplification and Library](#)

[Preparation Using the BDTM Precise Targeted and Whole Transcriptome Assays](#)

Wednesday, April 13, 2016

143 Jones

[The Science and Practice of Technical Assistance: An Essential Determinant of Successful Global Health Programs and Research](#)

Monday, April 18, 2016

Trent 040

[Undergraduate Global Health Capstone Poster Presentations](#)

Monday, April 25, 2016

Trent 040

All Upcoming Events

Funding Opportunities

Ending soon**Systems Biology Approaches in HIV/AIDS and Substance Use (R01)**[\(RFA-DA-16-013\)](#)

National Institute on Drug Abuse

Application Receipt Date(s): April 04, 2016

New [CFAR Supplement Announcement in HIV/AIDS –FY2016](#)

The CFAR Program at the National Institutes of Health (NIH) invites applications from currently funded CFARs that are eligible for administrative supplements.

Purpose

The purpose of this administrative supplement opportunity is two-fold:

1. To support a broad range of highly innovative research projects and pilot studies to address key gaps in our understanding of HIV/AIDS
2. To support early stage investigators who have not yet received an NIH award in HIV/AIDS research as well as established investigators in non-HIV fields who have never received an NIH research award for HIV/AIDS studies. This funding will provide support for the development of preliminary data to support an NIH research project grant application.

Background and Scientific Areas of Interest

CFARs are strongly encouraged to submit projects in collaboration with investigators and disciplines not usually involved in HIV research. Involvement and mentoring of early stage investigators is also strongly encouraged. This opportunity should build research capacity at the CFAR institution or at a partnering foreign institution in the scientific areas specified below and is intended to complement ongoing domestic and international HIV/AIDS research efforts funded or sponsored by the NIH.

Supplement proposals should be consistent with the recent [NIH HIV/AIDS research priorities \(NOT-OD-15-137\)](#).

Each eligible CFAR is limited to one application per scientific area of interest below for a maximum of five applications total.

1. **Tracking HIV Transmission Phylodynamics: Leveraging Collaborations with Public Health Departments and Others to Research Methods to Analyze Phylogenetic Data in Close to Real-Time.**
2. **HIV and Host Factor Targets for Structural Research**
3. **Advancing PrEP Delivery**
4. **Rapid HIV Treatment Initiation: Implementation Models, Uptake, and HIV Care Continuum Outcomes**
5. **Drug-Drug Interactions in the Context of Antiretroviral Treatment and HIV Co-Infections and Comorbidities**

Each CFAR can submit ONE application PER TOPIC.

If you are interested in submitting, please send an email by Monday, March 21, 2016 to [Dr. Weinhold and Mary Oris](#) with a few sentences on the scientific area in which you are interested.

Publications citing Duke CFAR

Please remember to cite the Duke CFAR: P30 AI064518

[New History of Aids in HIV-infected Patients is Associated with Higher in-hospital Mortality Following Admission for Acute Myocardial Infarction and Stroke.](#)

Okeke NL, Hicks CB, McKellar MS, Fowler VG Jr, Federspiel JJ.

Clin Infect Dis. 2015 Nov 1;61 Suppl 4:S372-9. doi: 10.1093/cid/civ730. J Infect Dis. 2016 Mar 3. pii: jiw082. [Epub ahead of print]

PMID: 26941281

[New HIV Risk Behavior Among Methamphetamine Users Entering Substance Abuse Treatment in Cape Town, South Africa.](#)

Meade CS, Lion RR, Cordero DM, Watt MH, Joska JA, Gouse H, Burnhams W.

AIDS Behav. 2016 Feb 12. [Epub ahead of print]

PMID: 26873492

[New Evaluating mental health difficulties and associated outcomes among HIV-positive adolescents in Tanzania.](#)

Dow DE, Turner EL, Shayo AM, Mmbaga B, Cunningham CK, O'Donnell K.

AIDS Care. 2016 Feb 3:1-9. [Epub ahead of print]

PMID: 26837437

[New Metabolic stress is a barrier to Epstein-Barr virus-mediated B-cell immortalization.](#)

McFadden K, Hafez AY, Kishton R, Messinger JE, Nikitin PA, Rathmell JC, Luftig MA.

Proc Natl Acad Sci U S A. 2016 Feb 9;113(6):E782-90. doi: 10.1073/pnas.1517141113.

Epub 2016 Jan 22.

PMID: 26802124

[New Gnidimacrin, a Potent Anti-HIV Diterpene, Can Eliminate Latent HIV-1 Ex Vivo by Activation of Protein Kinase C \$\beta\$.](#)

Lai W, Huang L, Zhu L, Ferrari G, Chan C, Li W, Lee KH, Chen CH.

J Med Chem. 2015 Nov 12;58(21):8638-46. doi: 10.1021/acs.jmedchem.5b01233. Epub 2015 Nov 3.
PMID: 26509731

[New Immune correlates of vaccine protection against HIV-1 acquisition.](#)

Corey L, Gilbert PB, Tomaras GD, Haynes BF, Pantaleo G, Fauci AS.
Sci Transl Med. 2015 Oct 21;7(310):310rv7. doi: 10.1126/scitranslmed.aac7732. Review.
PMID: 26491081

[New A Qualitative Study of Mental Health Problems Among Orphaned Children and Adolescents in Tanzania.](#)

Dorsey S, Lucid L, Murray L, Bolton P, Itemba D, Manongi R, Whetten K.
J Nerv Ment Dis. 2015 Nov;203(11):864-70. doi: 10.1097/NMD.0000000000000388.
PMID: 26488916 [PubMed - in process]

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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