



amfAR

MAKING AIDS HISTORY

2019

ANNUAL REPORT

amfAR, The Foundation for AIDS Research

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Our Mission: amfAR, The Foundation for AIDS Research, is dedicated to ending the global AIDS epidemic through innovative research.

HIGHLIGHTS



RESEARCH

Countdown to a Cure for AIDS

In 2015, amfAR launched its Countdown to a Cure for AIDS initiative, which is aimed at developing the scientific basis for a cure. To date, amfAR has awarded 79 Countdown grants totaling more than \$48 million to support research conducted by 277 scientists working at 95 institutions in 15 countries. Structured to provide sustained support for a wide range of studies that advance both emerging and established ideas, the strategy comprises the following components:

- ▶ **The amfAR Institute for HIV Cure Research** was established in 2015 with a \$20 million grant over five years to the University of California, San Francisco (UCSF). Researchers at the Institute have been laying the groundwork for a complex clinical study employing a three-pronged approach to eradicating HIV. A therapeutic vaccine will be combined with an immune adjuvant—a drug often used to boost the efficacy of vaccines—that has been shown in clinical trials to have additional anti-HIV effects. The third component combines two broadly neutralizing antibodies, the source of much optimism in the cure field for their ability not only to kill viruses that are produced by infected cells, but also to direct the immune system to kill the cells producing those viruses.
- ▶ **Investment Grants**, awarded over a four-year period, are aimed at recruiting the experience and expertise of scientists from outside the field of HIV. Grantees may have expertise in fields such as cancer, neuroscience, or inflammatory disease that can directly inform efforts to cure HIV. In February 2019, amfAR announced new funding to researchers using cutting-

edge technology to address the main barrier to an HIV cure: the persistent reservoirs of virus not cleared by antiretroviral therapy (ART). Totalling \$800,000, this new round of Investment grants launched the critical third phase of a research project begun in 2017.

In the first two phases of her study, Dr. Hui Zhang of Johns Hopkins University used mass spectrometry to scan the surface of human cells for proteins—biomarkers—that discriminate between latently infected and uninfected cells. After scanning a variety of cell lines, she identified 17 potential targets. In phase three, Dr. Zhang is teaming up with HIV scientist Dr. Weiming Yang, also of Johns Hopkins University, to determine in a preclinical study whether specifically killing cells displaying any of these 17 proteins will eliminate the latent reservoir.

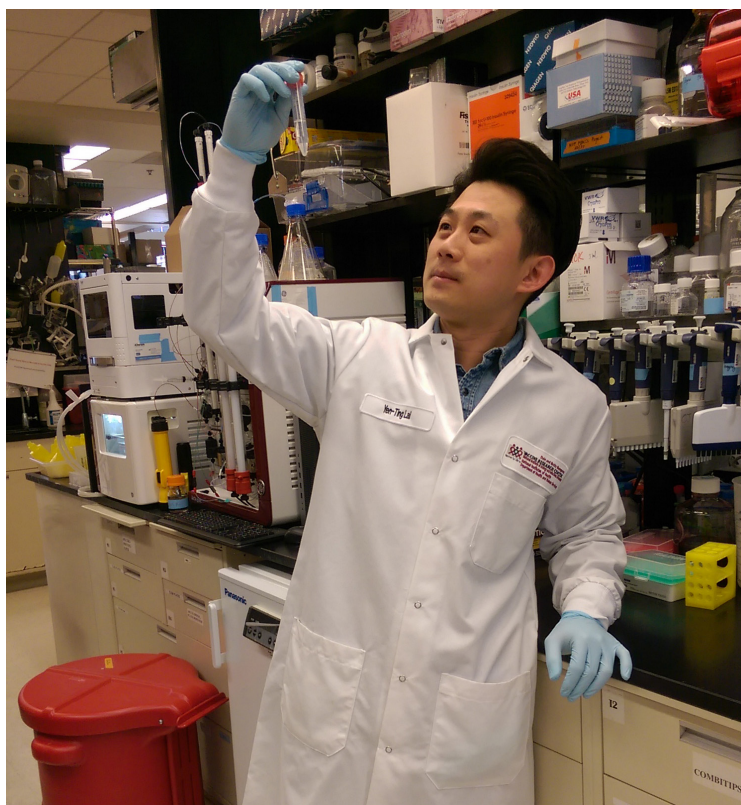
- ▶ **Impact Grants** of up to \$2 million each over four years support the in-depth development of concepts already underpinned by preliminary data showing genuine potential for achieving a cure. In September 2018, amfAR awarded grants totaling \$828,000 to advance two critical areas of HIV cure research. Five grants are supporting a range of efforts to understand the mechanisms and predictors of post-treatment control, whereby a small number of individuals are able to control their HIV after stopping treatment. Three additional grantees are studying HIV-positive populations in low- and middle-income countries to look for differences in how the persistent viral reservoir forms and changes over time.
- ▶ **ARCHE, the amfAR Research Consortium on HIV Eradication**, supports collaborative teams of scientists in the U.S. and around the world working on a range of HIV cure strategies. In September 2018, amfAR awarded \$800,000 in new ARCHE funding to six teams of researchers developing an ambitious gene therapy-

based approach to curing HIV. The award launched a critical new phase in a study initiated in 2017. In a three-pronged attack on the HIV reservoir, the researchers are employing broadly neutralizing antibodies, CAR stem cells—cells genetically reprogrammed to recognize and attack infected cells—and molecular scissors targeting the virus. The grant was supported in part by the Bill and Melinda Gates Foundation.

The investigators are: Dr. Hildegard Büning of Hannover Medical School, Germany; Dr. Keith Jerome of the University of Washington, Seattle; Dr. Hans-Peter Kiem of Fred Hutchinson Cancer Research Center, Seattle; Dr. Scott Kitchen of UCLA; Dr. Yasuhiro Takeuchi of University College London; Dr. Drew Weissman of University of Pennsylvania in Philadelphia; and Dr. Richard Wyatt of The Scripps Research Institute in La Jolla, CA.

In June 2019, amfAR awarded \$1.16 million in ARCHE grants for a pair of innovative research studies pursuing different angles to attack HIV. Dr. Keith Jerome of the University of Washington, Seattle, was awarded \$344,000 for a project that aims to advance a cost-effective *in vivo* gene therapy strategy for curing HIV in which gene-editing tools are injected directly into the patient using vectors that function like ‘Trojan horses.’

And Dr. Jonathan Li of Brigham and Women’s Hospital, Boston, was awarded \$815,000 for a project studying post-treatment control of the virus. Dr. Li and his team are gathering and analyzing samples from a multinational cohort of post-treatment controllers to investigate whether characteristics of the virus or immunologic responses predict control. Discovering what leads to post-treatment control in some people could help to achieve durable ART-free control in all people living with HIV.



Dr. Yen-Ting Lai

► **The Mathilde Krim Fellowships in Basic Biomedical Research** support bright young scientists advancing innovative solutions to HIV/AIDS. In September 2018, amfAR announced the recipient of the 2018 Mathilde Krim Fellowship in Basic Biomedical Research: Dr. Yen-Ting Lai of the Vaccine Research Center/National Institutes of Health in Bethesda, MD. The 2019 Krim fellows, Dr. Maolin Lu of Yale University in New Haven, CT, and Dr. Shaheed Abdulhaqq, of Oregon Health and Science University in Portland, OR, were announced in September 2019. Each fellow is awarded approximately \$150,000 over two years.



Dr. Shaheed Abdulhaqq

Published Research

Research studies make the greatest impact on the HIV field and on the broader scientific community when they are published in scientific journals. In FY2019, 53 scientific publications resulted from amfAR-funded research.

The “London Patient”

In the March 2019 issue of *Nature*, researchers affiliated with amfAR’s IciStem consortium reported on the “London patient,” who may be only the second person to have been cured of HIV following a stem cell transplant. This case—along with the “Düsseldorf patient,” who may also have been cured—is providing critical new data to compare with the case of the “Berlin patient,” the first known case of a cure.

A Family Trait

CCR5, the primary receptor enabling HIV to infect cells, is known for its role in the cure of the “Berlin patient” following a stem cell transplant with donor cells bearing a mutated CCR5 protein. In the April 2019 issue of *eLIFE*, Dr. Steven Deeks of UCSF and colleagues reported that people with a natural ability to control their HIV without ART had less CCR5 present on their cells than noncontrollers, and their cells were less permissive to HIV infection. Furthermore, natural resistance to HIV through reduced levels of CCR5 was shown to be inherited.

Identifying a Biomarker for the ‘Active’ HIV Reservoir

In the May 2019 issue of *Pathogens and Immunity*, Drs. Timothy Henrich and Peter Hunt, both at UCSF, reported on a potential biomarker of the “active reservoir”—persistent virus that is probably first to re-seed infection when ART is stopped. Thinking on the nature of the reservoir is evolving to include not only latent, but also active reservoir. Differentiating cells harboring active reservoir from healthy, uninfected cells would be an important advance.

HIV Cure Summit

In December 2018, amfAR held its fifth annual HIV Cure Summit at UCSF, where the amfAR Institute for HIV Cure Research is based. Leading amfAR-funded cure researchers detailed their progress and discussed the scientific challenges that stand in the way of a cure. Dr. Rowena Johnston, amfAR vice president and director of research, elucidated the two types of cure that researchers are pursuing: eradication and post-treatment control. In eradication, an individual completely clears HIV from his or her body, while in post-treatment control some virus remains but the immune system can control it without ART. Dr. Steven Deeks, a professor of medicine at UCSF and a lead investigator at the amfAR Institute, explained the complex clinical study he is about to embark on. The Summit also featured a range of perspectives from members of the community advisory board for the amfAR Institute and other community leaders.



(Left to right) Dr. Rowena Johnston, Clark Hawley, Cecilia Chung, Dr. Peter Hunt, and Socorro (Cori) Moreland

Think Tanks

Consistent with amfAR’s commitment to investigate every avenue that may lead to a cure, the Foundation regularly hosts think tanks that bring together leading investigators in various fields.

In March 2019, amfAR convened experts to discuss cutting-edge approaches to curing HIV that amfAR could pursue through its gene therapy research initiative, ARCHE-GT. In May, members of amfAR’s IciStem consortium of European researchers that aims to replicate the case of “the Berlin patient” gathered for a think tank in Dublin, Ireland. And in August, amfAR hosted a think tank in New York City on the CCR5 receptor as a target in cure research. The researchers discussed ways to use CCR5 to develop a more generalizable cure than one involving risky and costly stem cell transplants.

PUBLIC POLICY

Informed by thorough research and analysis, amfAR is a highly respected advocate of rational and compassionate HIV/AIDS-related public policy. The Foundation is engaged in efforts to secure necessary increases in funding for HIV/AIDS research and global HIV/AIDS programs, expand access to treatment and care for marginalized populations, advocate harm reduction policies aimed at reducing the spread of HIV and hepatitis C (HCV) among people who inject drugs, and protect the civil rights of all people affected by or vulnerable to HIV/AIDS.

Ending the Domestic HIV Epidemic

In 2019, President Trump announced a plan to end HIV transmissions in the U.S. by 2030, targeting geographic hotspots of infection. The Ending the HIV Epidemic (EHE) initiative aims to reduce HIV infections by 75% in five years, and by 90% in ten years. In 2019, amfAR launched a free interactive database (ehe.amfar.org) to help policymakers, public health officials, advocates, and other stakeholders understand the opportunities and challenges across EHE jurisdictions. The EHE database includes demographic, policy, and service provider information, and epidemiological indicators.

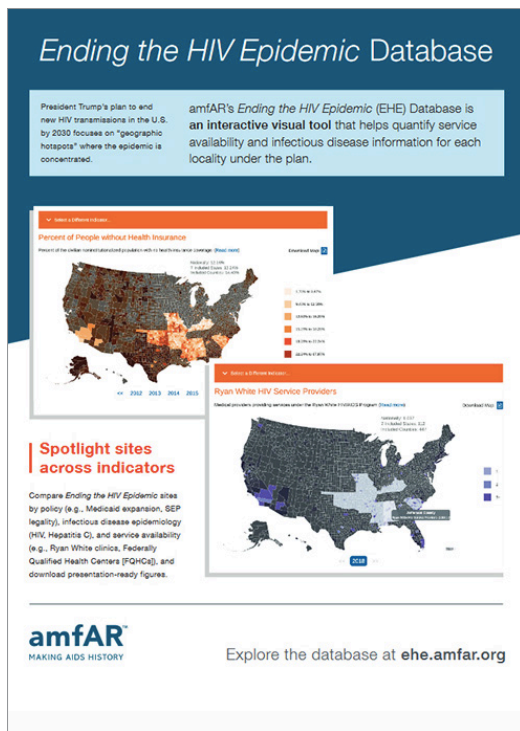
In 2018 the Trump administration proposed a rule change to the Title X National Family Planning Program, stating that health providers in the Title X program “may not perform, promote, refer for, or support abortion.” The stipulation is commonly known as the domestic gag rule. In February 2019, amfAR published *Title X, the Domestic Gag Rule, and the HIV Response*, an issue brief illustrating the benefits of the Title X program and potential impacts of the gag rule. Analysis from the report shows that, if implemented, the domestic gag rule could not only undermine women’s access to reproductive health services, but also impede access to HIV testing for low-income populations, threatening the national response to the HIV epidemic.

And in March 2019, amfAR published an issue brief titled *Expanding Access to Pre-Exposure Prophylaxis (PrEP) for Adolescents and Young Adults: Models for Addressing Consent, Confidentiality, and Payment Barriers*. Ensuring that adolescents and young adults at risk for HIV can access PrEP is a key step toward reducing the number of HIV diagnoses.

HIV and the Opioid Epidemic

amfAR’s Opioid & Health Indicators Database (opioid.amfar.org) is a free web platform designed to support lawmakers, communities, and advocates in making informed policy decisions about the opioid epidemic and its impact on HIV and hepatitis C. It provides local to national statistics using reliable data sources on new HIV and hepatitis C infections, opioid use and overdose death rates, and the availability of services like drug treatment programs and syringe exchange.

In October 2018, amfAR published an analysis in *Health Affairs* on the low percentage of substance use facilities that test for



HIV or hepatitis C. *The New York Times* published several articles highlighting the bipartisan opioid bill passed by Congress that linked to amfAR's original *Health Affairs* analysis on the dearth of substance use treatment facilities that offer medication-assisted treatment (MAT) nationwide.

Since uptake of treatment for substance use disorder and harm reduction services at syringe services programs (SSPs) can reduce the risk of HIV and hepatitis C acquisition, access to services is critically important. In November 2018, amfAR published *Getting to Services: Far, Far Away*, an infographic showing how far Americans must travel to substance use clinics offering MAT and SSPs. Nearly 30% of Americans live more than ten miles from a facility providing medication-assisted treatment, and nearly 80% live more than ten miles from an SSP. According to one study, people typically do not access SSPs if they are more than ten miles from where they live.

In August 2019, amfAR Senior Policy and Medical Advisor Dr. Susan Blumenthal penned an op-ed on *ThriveGlobal* on the need for a strategic plan for addressing the opioid epidemic in the same vein as the national strategy developed to address HIV.

Advocating on the Global Stage

In October 2018, amfAR published a first-of-its-kind analysis quantifying indirect costs charged by organizations implementing the U.S. President's Emergency Plan for AIDS Relief (PEPFAR). Examining data from 2007 to 2016, the study found that between \$1.85 billion and \$4.34 billion was spent on indirect costs. The study was published in the peer-reviewed online journal *PLOS One*, and called for increased transparency in reporting indirect costs incurred by PEPFAR.

At the biennial HIV Research for Prevention conference in Madrid, also in October 2018, amfAR policy associate Jennifer Sherwood

and colleagues presented findings from a survey used to track the impact of the Expanded Mexico City Policy on the operations and service delivery of organizations receiving assistance through PEPFAR. In 2017 the Mexico City Policy, or "global gag rule," was reinstated and expanded to restrict non-U.S.-based or foreign NGOs from receiving American financial aid if they perform, counsel on, or refer for abortion, or advocate for its liberalization outside of limited exceptions.

In January 2019, amfAR published an issue brief reporting on disruptions in service provision due to the Expanded Mexico City Policy. Based on the survey described above, amfAR revealed that PEPFAR partners in 31 countries reported disruptions in service provision due to the policy. These findings have serious implications for reproductive health and the global HIV epidemic. amfAR subsequently produced a companion infographic titled *PEPFAR Programming Disrupted by Expanded Mexico City Policy*.

amfAR launched the PEPFAR Monitoring, Evaluation, and Reporting Database (mer.amfar.org) in December 2018. The database enables policymakers, public health officials, advocates, and other stakeholders to access a wide range of programmatic PEPFAR data and includes downloadable PDFs, maps, data visualizations, and district-level data. The new database complements amfAR's existing PEPFAR database (copsdata.amfar.org), which highlights planned funding by program area, country, and organization for each year that has been publicly released. The database is designed to help PEPFAR in its efforts to increase data transparency and participation in the planning process.

In February 2019, amfAR, in conjunction with AVAC, published an issue brief titled *New HIV Testing Strategies in PEPFAR COP19: Rollout and Human Rights Concerns*. The brief analyzes country operational plan (COP) guidance for HIV testing and recommended policies aimed at helping to find HIV-positive people who have not been identified by other testing programs and linking them to treatment.

And in May, amfAR published a pair of infographics demonstrating the effectiveness of the Global Fund to Fight AIDS, Tuberculosis and Malaria: *A Global Response to HIV Requires the Global Fund* and *How the Global Fund Improves PEPFAR Investments*. The Global Fund and PEPFAR are the world's largest and most effective investors in HIV treatment and prevention.

IAS 2019

amfAR's Public Policy Office participated in the 10th International AIDS Society Conference on HIV Science (IAS 2019) in Mexico City in July.

amfAR Vice President and Director of Public Policy Greg Millett joined Dr. Anthony Fauci, director of the National Institute of Allergy and Infectious Diseases, at a press conference on "Translating Progress Into Success to End the AIDS Epidemic." The press conference coincided with the release of a report with the same name, coauthored by amfAR, AVAC, and Friends of the Global Fight Against AIDS, Tuberculosis and Malaria. The report shows places across the global north and south on track to end their respective epidemics and the commonalities between them.

实况报告书：世卫组织丙型肝炎感染者检测，护理和医疗指南

2018年7月，世界卫生组织（WHO）更新了关于护理和治疗丙型肝炎病毒感染的指导方案，旨在帮助低收入和中低收入国家的政策制定者建立其医疗检测、护理和治疗方案。在2017年实验室的测试建议保持不变的同时，这份更新版本提供了循证医学，并且仅用直接抗病毒药物（DAAs）作为治疗丙型肝炎病毒的治疗方案。这份准则可用于公民社会、社区组织和患者团体去倡导接触丙型肝炎的测试，诊断和治疗。这份实况报告书总结了主要的建议方案。

指南说些什么？

Mr. Millett also spoke at a journalist roundtable sponsored by AVAC, and shared the stage at a separate meeting with World Health Organization representatives and Ambassador Deborah Birx, U.S. Global AIDS Coordinator, to debate the ethics of HIV recency testing in PEPFAR programs.

TREAT ASIA

amfAR's TREAT Asia (Therapeutics Research, Education, and AIDS Training in Asia) program is a network of hospitals, clinics, and research institutions working with civil society to ensure the safe and effective delivery of treatments for HIV and its co-infections to adults and children across the Asia-Pacific through research, education, and advocacy. The TREAT Asia Network encompasses 21 adult and 20 pediatric sites throughout the region, which collaborate on a variety of projects. TREAT Asia scientists produced 38 publications in peer-reviewed medical journals in 2019.

Gathering Critical Information

TREAT Asia pioneered the region's first adult observational database for HIV/AIDS, which now includes anonymous data from nearly 10,000 patients at 21 clinical sites in 12 countries.



The TREAT Asia HIV Observational Database (TAHOD) gathers information to inform the development of more effective research and treatment programs and helps define treatment standards specific to HIV/AIDS in Asia. The TAHOD-LITE database, an extension of TAHOD, contains data from over 37,000 HIV-positive patients across 10 TREAT Asia network sites and aims to increase the scope of adult data collection by gathering a subset of core variables from all HIV-infected patients who have sought care at selected TAHOD sites.

A Global Collaboration

TREAT Asia manages the Asia-Pacific section of the International epidemiology Databases to Evaluate AIDS (IeDEA), a global collaboration established by the U.S. National Institute of Allergy and Infectious Diseases. In FY2019, the IeDEA consortium completed STAY (Study of Transitioning Asian Youth), which documented the experience of HIV-positive young adults transitioning from pediatric to adult care.

Improving Care for Children

The TREAT Asia Pediatric HIV Observational Database is a regional pediatric HIV study set up by TREAT Asia in 2006. It was modeled on the adult database and includes data from more than 6,400 children and adolescents at 17 clinical sites in Cambodia, India, Indonesia, Malaysia, Thailand, and Vietnam.

Integrating HIV, Mental Health, and Implementation Science Research

In May 2019, the U.S. National Institutes of Health awarded a five-year, \$1.4 million grant to TREAT Asia and Columbia University to establish an innovative platform for integrating HIV, mental health, and implementation science research in the Asia-Pacific region. Co-led by Dr. Annette Sohn, amfAR vice president and director of TREAT Asia, and Dr. Milton Wainberg, professor of clinical psychiatry at Columbia University and the New York State Psychiatric Institute, the CHIMERA program (Capacity development for **HIV** and **mental health** research in **Asia**) is nested within the leDEA (see above) Asia-Pacific regional research network. CHIMERA will bring together stellar training faculty from academic centers and public health and development agencies, and will build on existing NIH-funded mental health research being conducted through leDEA Asia-Pacific.

Aiding and Empowering Youth

Thirty percent of new HIV infections in the Asia-Pacific occurred in people aged 15–24 years in 2017. Continuing its commitment to helping adolescents transition to adult care, in January 2019 TREAT Asia held a think tank on young adult cohort research.

In December 2018, TREAT Asia’s Youth ACATA—Asia Community for AIDS Treatment and Advocacy—held a workshop in Bangkok. Focused on models of service delivery for key populations, the workshop included site visits to community-based or key population-friendly HIV service providers in Bangkok.

Expanding Access to HIV Treatment

In 2018 the World Health Organization (WHO) recommended dolutegravir (DTG)-based regimens as the preferred first-line HIV treatment for adults and adolescents. But in the Asia-Pacific region, access to DTG-based regimens remains severely limited. To accelerate DTG scale-up in the region, TREAT Asia and the Clinton Health Access Initiative organized a workshop in Bangkok in March 2019 to help networks of people living with HIV and other treatment access advocates better understand issues around DTG access and use, and coordinate future advocacy efforts. And in April 2019, Giten Khwairakpam, TREAT Asia’s project manager for community and policy, led a training in Bangkok for regional community advocates around the use of DTG.

Advocating for Co-Infection Treatment Access

In June 2019, TREAT Asia held its annual regional advocacy meeting on hepatitis C, HIV, and tuberculosis treatment in Bangkok, with civil society organizations, clinical care professionals, and intellectual property experts. During the year, TREAT Asia staff also presented at several conferences on hepatitis C treatment access and partnered with civil society groups and funders on advocacy efforts.

Publications

TREAT Asia Director Dr. Annette Sohn co-authored an op-ed for *Asia-Pacific Biotech News*, titled “Asia-Pacific: Falling Behind in the Fight Against HIV/AIDS.” The op-ed, coauthored by a Singaporean

investigator, discussed the current state of the HIV epidemic in Asia, and highlighted priority issues for the regional response.

In January 2019, TREAT Asia produced a fact sheet summarizing WHO guidelines (updated, July 2018) aimed at helping policymakers and healthcare providers in low- and middle-income countries establish hepatitis C screening, care, and treatment programs.

In addition, TREAT Asia continued to publish lay-language articles on HIV/AIDS research, policy, and community issues facing the Asia-Pacific region. The articles and educational pieces appear in the *TREAT Asia Report*, a bimonthly e-newsletter, and on TREAT Asia’s website, www.treatasia.org.

Conferences

At the 10th International AIDS Society Conference on HIV Science (IAS 2019) in Mexico City in July, TREAT Asia Director Dr. Annette Sohn co-chaired a special session with former IAS President Dr. Chris Beyrer of Johns Hopkins University, called “Data leading the way: Designing responses based on the numbers.” Dr. Sohn was also a session co-chair at the International Workshop on HIV Pediatrics, which convened immediately before the conference. Giten Khwairakpam, TREAT Asia’s project manager for community and policy, co-chaired the 5th International HIV/Viral Hepatitis Co-Infection preconference.



Dr. Annette Sohn at IAS 2019, Photo credit © International AIDS Society/ Steve Forrest/Workers’ Photos

TREAT Asia was also well represented at the fourth Asia Pacific AIDS & Co-Infections Conference (APACC), held in June 2019 in Hong Kong. Several junior investigators and Ph.D. students affiliated with the TREAT Asia network gave oral and poster presentations at the conference.

The TREAT Asia Annual Network Meeting was held in October 2018 in Bangkok, Thailand, where more than 120 adult and pediatric investigators, donors, and program partners gathered to review progress, hear about regional HIV-related policy priorities, and plan for future initiatives.

THE GMT INITIATIVE

In order to focus on its core programs, amfAR is winding down its GMT Initiative, launched in 2007. The initiative was designed to support research teams and community-based partner organizations in evaluating interventions to reduce the spread and impact of HIV among gay men, other men who have sex with men, and transgender individuals (collectively, GMT) in low- and middle-income countries.

In FY2019, amfAR continued to support its final two GMT Initiative projects. Dr. Chris Beyrer of Johns Hopkins University in Baltimore is leading a team of researchers and community-based services (in collaboration with the International HIV/AIDS Alliance Myanmar) in evaluating the effectiveness of promising interventions for GMT in Myanmar. The researchers are assessing the effectiveness of HIV self-testing done in the privacy of one's home, point-of-care CD4 testing, and the use of "peer navigators" familiar with the local health system to help the newly diagnosed access HIV treatment and care.

In Bangkok, Dr. Nittaya Phanuphak and her team at the Thai Red Cross AIDS Research Centre aim to show how innovative technologies such as websites using online counseling and support can be utilized to increase rates of HIV testing and referrals to prevention and treatment programs. Working in collaboration with Adam's Love, a web-based health platform for GMT individuals, and community organizations, the team is comparing the effectiveness of online services and support interventions with traditional clinic-based HIV services, and a hybrid model that combines elements of both strategies.

PUBLIC INFORMATION

amfAR disseminates information on important HIV-related research, treatment, prevention, and policy issues for diverse audiences to increase awareness and knowledge of the pandemic. amfAR publishes a wide range of educational materials, maintains an informative website, and engages respected public figures, HIV/AIDS scientists, and policymakers in communicating the need for continued research to develop new methods of prevention, treatment, and, ultimately, a cure for HIV.

Educational Materials

amfAR produces a range of periodicals in both print and electronic formats, including its newsletter *Innovations*, published twice a year and distributed to more than 40,000 people; the *TREAT Asia Report*, an email newsletter distributed six times a year to more than 4,000 readers in the international health community; and a monthly e-mail newsletter distributed to approximately 11,000 people.

The Foundation's websites—www.amfar.org and www.curecountdown.org—feature news, interviews, and original articles covering HIV research, policy, the global epidemic, and amfAR



programs and activities. The websites attract a combined average of 36,000 visitors per month. amfAR also creates and distributes reports, press releases, and updates on major HIV/AIDS issues and conducts public service advertising campaigns that have been instrumental in educating policymakers, healthcare professionals, people living with HIV/AIDS, and the public.

Public Policy

amfAR's Public Information team works closely with the Public Policy Office (see above) to produce a wide range of issue briefs, facts sheets, infographics, and reports. In 2019 it also worked with an animation studio to produce a short film showcasing the features and functionality of amfAR's Opioid & Health Indicators Database (opioid.amfar.org).

Social Media

amfAR has vigorously expanded its presence in the social media arena, reaching large numbers of people, including a younger demographic that is often less educated about HIV and the AIDS epidemic. The Foundation regularly adds content to its Facebook page, live tweets from events, and posts images, videos, news, and information on Instagram. amfAR has 73,000 likes on Facebook, more than 43,000 Twitter followers, and 164,000 Instagram followers.

Media Outreach

In FY2019, amfAR continued to work closely with the media to raise the profile of HIV/AIDS, both domestically and internationally, and to help ensure the accuracy of HIV-related press coverage. Articles and reports involving amfAR—many of which included interviews

with staff—were carried in numerous media outlets, including *The New York Times*, *WIRED*, *Science*, *The Washington Post*, *Bangkok Post*, *USA Today*, *U.S. News & World Report*, *People*, *Vox*, *Vogue*, *Vanity Fair*, *Essence*, *Bustle*, *The Advocate*, *POZ*, CBS News, NBC News, ABC News, Fox News, NPR, Associated Press, and Reuters.

Celebrity Support

amfAR's public awareness efforts are greatly enhanced by the committed support of public figures who lend their voices and donate their time, talents, and resources to help advance the Foundation's mission. Support of amfAR by prominent public figures began with the late Dame Elizabeth Taylor, amfAR's Founding International Chairman, and others have followed in her footsteps.

amfAR is profoundly grateful for the continuing support of celebrities from all over the world, including Katy Perry, Dame Shirley Bassey, Matt Bomer, Zoe Saldana, Grace Jones, Milla Jovovich, Heidi Klum, Alan Cumming, Michelle Rodriguez, Karolina Kurkova, Alessandra Ambrosio, Caroline Vreeland, Candice Swanepoel, Elsa Hosk, Karen Elson, Lais Ribeiro, Victoria Justice, Winnie Harlow, Alexander Skarsgård, Pharrell Williams, Michelle Yeoh, Nicole Scherzinger, Charli XCX, Chris Tucker, Carine Roitfeld, Henry Golding, Eva Longoria, Andie MacDowell, Natasha Poly, Patricia Arquette, Antonio Banderas, Orlando Bloom, Ian Bochen, Adrien Brody, H.E.R., Tommy Hilfiger, Julian Lennon, Adriana Lima, Coco Rocha, Sara Sampaio, Christoph Waltz, Rebel Wilson, CeeLo Green, Joan Smalls, and Rita Ora.



2019 RESEARCH GRANTS, FELLOWSHIPS AND AWARDS

All projects listed below were awarded funding during the period October 1, 2018, through September 30, 2019.

amfAR Research Consortium on HIV Eradication (ARCHE)

ATI following allogeneic SCT with delta 32 donor tissue

Ravindra Gupta, MD, PhD
University of Cambridge
Cambridge, Cambridgeshire, UK
\$45,000

Immune and viral determinants of HIV rebound

Jonathan Li, MD, MMSc
The Brigham and Women's Hospital, Inc.
Boston, MA
\$815,014

ARCHE – GENE THERAPY GRANTS

amfAR Research Consortium on HIV Eradication – Gene Therapy (ARCHE-GT): Preparation Phase

Hildegard Büning, PhD
Hannover Medical School
Hannover, Lower Saxony, Germany
\$472,728

AAV transgene delivery in vivo in non-human primates

Keith Jerome, MD, PhD
University of Washington
Seattle, WA
\$344,332

ARCHE Gene Therapy Phase 2: Using LNPs to deliver gene therapy to cure HIV

Drew Weissman, MD, PhD
University of Pennsylvania
Philadelphia, PA
\$327,272

IMPACT GRANTS: GAINING INSIGHTS FROM THE CLINIC

Novel glycomic biomarkers predicting time to HIV rebound after treatment interruption

Mohamed Abdel-Mohsen, PhD
The Wistar Institute
Philadelphia, PA
\$130,000

Immunological, genetic and virological analyses of HIV remission in the HEATHER cohort – the PITCH study arm

John Frater, MD, PhD, FRCP
University of Oxford
Oxford, Oxfordshire, United Kingdom
\$299,342

Temporal phylogenetic characterization of the latent HIV reservoir in a cohort of virally suppressed Ugandans

Edward Nelson Kankaka, MBChB, MPH
Rakai Health Sciences Program
Kampala, Uganda
\$50,000

Determinants of HIV rebound and remission

Jonathan Li, MD, MMSc
The Brigham and Women's Hospital, Inc.
Boston, MA
\$100,000

Characterization of HIV infected women that maintain without HAART sustained undetectable viral load following PMTCT

Godwin Nchinda, PhD
Chantal Biya International Reference Center for Research on the Prevention and Management HIV/AIDS
Yaounde, Center Region, Cameroon
\$49,400

HIV persistence and antigen-specific immunity: the HIV hygiene hypothesis

Reena Rajasuriar, PhD
University of Malaya
Kuala Lumpur, Malaysia
\$49,659

HIV persistence in lymph nodes in the face of ART in TB-infected individuals

Alex Sigal, PhD
Africa Health Research Institute (AHRI)
Durban, KwaZulu-Natal, South Africa
\$50,000

Mechanistic and empirical modeling of viral rebound to identify predictors of post-treatment control

Rui Wang, PhD
Harvard Pilgrim Health Care Institute
Wellesley, MA
\$99,810

INVESTMENT GRANTS: BRINGING BIOENGINEERS TO CURE HIV – PHASE III

Deciphering latency-associated sugar-code to detect and eliminate latent reservoir

Weiming Yang, PhD
Johns Hopkins University
Baltimore, MD
\$800,000

MATHILDE KRIM FELLOWSHIPS IN BIOMEDICAL RESEARCH

Determination of HIV resistance mechanisms with entry inhibitors targeting the conserved receptor binding site

Yen-Ting Lai, PhD
National Institutes of Health
Bethesda, MD
\$150,000

Developing a machine-learning-guided HIV immunogen design to elicit cross-reactive neutralizing antibody responses

Wen-Han Yu, PhD
Ragon Institute of MGH, MIT and Harvard
Charlestown, MA
\$150,000

MATHILDE KRIM FELLOWSHIP GRANTS – PHASE II

The immunomodulatory role of plasma IgA upon Fc-mediated functions in HIV

Amy Chung, PhD
University of Melbourne
Melbourne, Victoria, Australia
\$50,000

MEETINGS AND CONFERENCES

9th International Workshop on HIV Persistence During Therapy

Alain Lefeuvre, MD, PhD
University of Massachusetts Medical School
Worcester, MA
\$20,000

Conference on Cell & Gene Therapy for HIV Cure

Keith Jerome, MD, PhD
Fred Hutchinson Cancer Research Center
Seattle, WA
\$10,000

2019 TREAT ASIA GRANTS AND AWARDS

All projects listed below were awarded funding during the period October 1, 2018, through September 30, 2019.

¹Supported by National Institutes of Health federal award number U01AI069907 with funds from the National Institute of Allergy and Infectious Diseases, the Eunice Kennedy Shriver National Institute of Child Health and Human Development, the National Cancer Institute, the National Institute on Drug Abuse, the National Institute of Diabetes and Digestive and Kidney Diseases, the National Heart, Lung and Blood Institute, National Institute on Alcohol Abuse and Alcoholism, and the Fogarty International Center

²Supported by National Institutes of Health federal award number R01HD073972 funded by the Eunice Kennedy Shriver National Institute of Child Health and Human Development

³Supported by National Institutes of Health federal award number R21HD89859 funded by the Eunice Kennedy Shriver National Institute of Child Health and Human Development

⁴Supported by National Institutes of Health federal award number D43TW011302 funded by the Fogarty International Center and the National Institute of Mental Health

⁵Supported with funds provided by Life Ball

AUSTRALIA

University of New South Wales

Sydney
Matthew G. Law, PhD
IeDEA Asia-Pacific Research Collaboration:
TREAT Asia HIV Observational Database &
Australia HIV Observational Database
\$302,441¹

IeDEA Asia-Pacific Research Collaboration:
TREAT Asia Pediatric HIV Observational Database
\$186,364¹

IeDEA Asia-Pacific Research Collaboration:
Cancer Studies
\$69,520¹

AUSTRALIAN HIV RESEARCH COLLABORATION (AHOD) SITES

O'Brien Street Practice

Adelaide
William Donohue, MBBS
\$1,500

Sexual Health and HIV Service In Metro North

Brisbane
Diane Rowling, MBBS, MTH, F(PHM), RACP, FACSHP
\$7,500¹

Cairns Sexual Health Service

Cairns
Darren Russell, MD
\$7,500¹

RPA Sexual Health Clinic

Camperdown
David Templeton, PhD
\$7,500¹

Melbourne Sexual Health Centre

Carlton
Richard Teague, MBBS (Monash Uni), FRACGP, FRChSHM
\$5,850¹

Monash Health - Clayton

Clayton
Ian Woolley, MBBS, FRACP
\$7,500¹

D.A. Ellis Pty Ltd

Coffs Harbour
David Ellis, MBBS
\$525

East Sydney Doctors

Darlinghurst
David Baker, MB, ChB, Dip Med (Sexual Health), DCH
\$6,300¹

St. Vincent's Hospital Sydney Limited

Darlinghurst
Andrew Carr, MD
\$7,500¹

Taylor Square Private Clinic

Darlinghurst
Robert Finlayson, MBBS (Syd), Di
\$7,425¹

Northern Territory Dept of Health & Community Services, Sexual Health & Blood Borne Virus Program

Darwin
Manoji Gunathilake, MBBS, MD, FChSHM
\$2,025

Gladstone Road Medical Centre

Highgate Hill
David Orth, MBBS, DipVen
\$6,000¹



Nepean Blue Mountains Local Health District, Blue Mountains Sexual Health and HIV Clinic
Katoomba
Eva Jackson, MBBS, FACHSHM
\$2,100

Nepean Blue Mountains Local Health District, Nepean Sexual Health Clinic
Kingswood
Eva Jackson, MBBS, FACHSHM
\$1,950

Sexual Health and AIDS Services (SHAIDS)
Lismore
David Smith, MBBS, DipVen, FACHSHM, GrapDip, BA
\$7,500¹

Victorian HIV Service, Infectious Diseases Department, The Alfred Hospital
Melbourne
Jennifer Hoy, MBBS
\$7,500¹

Sunshine Coast Hospital and Health Service
Nambour West
David Sowden, MBBS
\$7,500¹

Northside Clinic (Vic) Pty Ltd
North Fitzroy
Richard Moore, MBBS
\$7,500¹

Royal Perth Hospital
Perth
David Nolan, MBBS, FRACP, PhD
\$6,000¹

Prahran Market Clinic Pty Ltd
Prahran
Norman Roth, MBBS, FACHSHM
\$7,500¹

Holdsworth House Medical Practice
Sydney
Mark Bloch, MD
\$7,500¹

Sydney Sexual Health Centre, Sydney Hospital
Sydney
Rick Varma, MBBS, MRCP
\$6,900¹

Clinic 468, HNE Sexual Health, Hunter New England Local Health District
Tamworth NEMSC
Nathan Ryder, MD
\$1,500

Illawarra Shoalhaven Local Health District
Warrawong
Katherine Brown, MD
\$1,650

CAMBODIA

National Center for HIV/AIDS, Dermatology & STDS / Cambodia National Institute of Public Health
Phnom Penh
Ly Penh Sun, MD, MSc
TAHOD Low Intensity Transfer (TAHOD LITE)
\$9,000¹

TREAT Asia HIV Observational Database (TAHOD)
\$20,800¹

TREAT Asia Pediatric HIV Observational Database (TApHOD) Site
\$25,000¹

CHINA

Beijing Ditan Hospital
Beijing
Fujie Zhang, MD, MSPH, PhD
Study on pregnancy and birth outcomes among women living with HIV in Asia
\$8,000¹

TREAT Asia HIV Observational Database (TAHOD)
\$20,800¹

Queen Elizabeth Hospital
Hong Kong
Man Po Lee, MBBS
TAHOD Low Intensity Transfer (TAHOD LITE)
\$7,900¹

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$22,880¹

INDIA

The Voluntary Health Services
Chennai
Nagalingeswaran Kumarasamy, MD, MBBS, PhD
TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$46,488¹ (funding for project years 13 & 14 awarded in 2019)

TREAT Asia Pediatric HIV Observational Database (TApHOD) Site
\$7,500 (project year 13); \$7,500¹ (project year 14)

BJ Medical College & Sassoon General Hospitals
Pune
Aarti Kinikar, MD, DCH; DNB; MRCP Pediatrics UK
TREAT Asia Pediatric HIV Observational Database (TApHOD) Site
\$7,500¹

Shashikala Sangle, MD
TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$22,048¹

Institute of Infectious Diseases
Pune
Sanjay Pujari, MD, AAHIVS, MBBS
Substance use, Stigma, Depression and Disability among Adults with HIV in Asia (S2D2) Pilot Study
\$10,648

TAHOD Low Intensity Transfer (TAHOD LITE)
\$9,600

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$22,360¹

INDONESIA

Sanglah Hospital, Udayana University School of Medicine
Denpasar
Tuti Parwati Merati, MD, PhD
TAHOD Low Intensity Transfer (TAHOD LITE)
\$8,400¹

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$22,880¹

Ketut Dewi Kumara Wati, MD
TREAT Asia Pediatric HIV Observational Database (TApHOD) Site
\$7,500¹

Cipto Mangunkusumo General Hospital
Jakarta
Nia Kurniati, MD
TREAT Asia Pediatric HIV Observational Database (TApHOD) Site
\$7,500¹

Evy Yuniastuti, MD, PhD
TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$23,192¹

JAPAN

National Center for Global Health and Medicine
Shinjuku
Junko Tanuma, MD, PhD
Study on pregnancy and birth outcomes among women living with HIV in Asia
\$5,000¹

TREAT Asia HIV Observational Database (TAHOD)
\$16,640¹

MALAWI

Lighthouse Trust
Lilongwe
Sam Phiri, PhD
Global fRAMework for Data Collection Used for Adolescent HIV Transition Evaluation (GRADUATE)
\$5,350³

MALAYSIA

Hospital Raja Perempuan Zainab II
Kota Bharu
Nik Khairulddin Nik Yusoff, MD
TREAT Asia Pediatric HIV Observational Database (TApHOD) Site
\$7,500⁵

Hospital Likas
Kota Kinabalu
Fong Siew Moy, MBBS
TREAT Asia Pediatric HIV Observational Database (TApHOD) Site
\$7,500⁵

Pediatric Institute, Hospital Kuala Lumpur
Kuala Lumpur
Thahira Mohamed, MBBS
TREAT Asia Pediatric HIV Observational Database (TApHOD) Site
\$7,500⁵

University of Malaya Medical Center
Kuala Lumpur
Raja Iskandar Shah Raja Azwa, MBBS
Substance use, Stigma, Depression and Disability among Adults with HIV in Asia (S2D2) Pilot Study
\$10,648

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$22,360¹

Sungai Buloh Hospital
Sungai Buloh
Yasmin Mohamed Gani, MD
TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$22,880¹



PHILIPPINES

Asian Foundation for Tropical Medicine, Inc.

Muntinlupa City
 Rossana Ditangco, MD
 Substance use, Stigma, Depression and Disability among Adults with HIV in Asia (S2D2) Pilot Study
 \$10,648

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
 \$22,360

SINGAPORE

Tan Tock Seng Hospital

Singapore
 Oon Tek Ng, MBBS, MRCP, MMed, MPH
 TREAT Asia HIV Observational Database (TAHOD)
 \$18,200¹

SOUTH AFRICA

University of Cape Town

Mowbray
 Mary-Ann Davies, MBChB, MMed, FCPHM
 Global fRAmework for Data Collection Used for Adolescent HIV Transition Evaluation (GRADUATE)
 \$64,351³

Global fRAmework for Data Collection Used for Adolescent HIV Transition Evaluation (GRADUATE) Supplement
 \$3,000³

Wits Health Consortium (Pty) Ltd

Parktown, JHB
 Karl Technau, MBBCh, MSc (Med)
 Global fRAmework for Data Collection Used for Adolescent HIV Transition Evaluation (GRADUATE)
 \$7,647³

SOUTH KOREA

Yonsei University College of Medicine

Seoul
 Jun Yong Choi, MD, PhD
 Study on pregnancy and birth outcomes among women living with HIV in Asia
 \$1,200¹

Substance use, Stigma, Depression and Disability among Adults with HIV in Asia (S2D2) Pilot Study
 \$10,648

TAHOD Low Intensity Transfer (TAHOD LITE)
 \$6,400¹

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
 \$17,680¹

TAIWAN

Taipei Veterans General Hospital

Taipei City
 Yu-Jiun Chan, MD
 TAHOD Low Intensity Transfer (TAHOD LITE)
 \$6,400¹ (year 1); \$6900¹ (year 2)

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
 \$24,960¹

THAILAND

Chulalongkorn University

Bangkok
 Thanyawee Puthanakit, MD
 Change of bone mineral density among perinatally HIV-infected adolescents after stopping calcium and vitamin D (CAL-D2)
 \$4,370¹

TREAT Asia Pediatric HIV Observational Database (TApHOD) Site
 \$15,000¹

HIV-NAT / Thai Red Cross AIDS Research Centre

Bangkok
 Anchalee Avihingsanon, MD, PhD
 Substance use, Stigma, Depression and Disability among Adults with HIV in Asia (S2D2) Pilot Study
 \$10,648

TAHOD Low Intensity Transfer (TAHOD LITE)
 \$8,400¹

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
 \$24,440¹

Mahidol University by Faculty of Medicine Siriraj Hospital
Bangkok
Kulkanya Chokephaibulkit, MD
Global fRAmework for Data Collection Used for Adolescent HIV Transition Evaluation (GRADUATE)
\$2,660

Human Papillomavirus Infection in Perinatally HIV-infected Adolescents in Asia (Supplement)
\$1,000²

TREAT Asia Pediatric HIV Observational Database (TAphOD) Site
\$7,500¹

Ramathibodi Hospital, Mahidol University
Bangkok
Sasisopin Kiartiburanakul, MD, MHS
TAHOD Low Intensity Transfer (TAHOD LITE)
\$10,400¹

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$22,880¹

Thai Red Cross AIDS Research Centre
Bangkok
Nittaya Phanuphak-Pungpapong, MD, PhD
Amphetamine-type stimulant use, HIV incidence, and ART adherence among Thai MSM and transgender women
\$100,865¹

Anal HPV and risk for anal high-grade squamous intraepithelial lesion among Thai MSM with acute HIV infection
\$97,945¹

Chiang Mai University - Research Institute for Health Sciences
Chiang Mai

Romanee Chaiwarith, MD, MHS
TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$23,920¹

Tavitiya Sudjaritruk, MD, ScM
Change of bone mineral density among perinatally HIV-infected adolescents after stopping calcium and vitamin D (CAL-D2)
\$5,723¹

TREAT Asia Pediatric HIV Observational Database (TAphOD) Site
\$15,000¹

Chiangrai Prachanukroh Hospital
Chiang Rai
Suwimon Khusuwan, MD
TAHOD Low Intensity Transfer (TAHOD LITE)
\$9,650¹

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$23,400¹

Pradthana Ounchanum, MD
Global fRAmework for Data Collection Used for Adolescent HIV Transition Evaluation (GRADUATE)
\$2,660

You won't be lost if we LINE: A quality improvement program to address lost to follow-up for HIV+ adolescents
\$6,500

Srinagarind Hospital, Khon Kaen University
Khon Kaen
Pagakrong Lumbiganon, MD
Global fRAmework for Data Collection Used for Adolescent HIV Transition Evaluation (GRADUATE)
\$2,660

TREAT Asia Pediatric HIV Observational Database (TAphOD) Site
\$7,500¹

Purple Haze Company Limited
Muang
Tarandeep Anand
The impact of online interventions on the HIV prevention/treatment cascade among MSM and TG Individuals
\$30,000¹

USA

Johns Hopkins University
Baltimore
Vidya Mave, MD, MPH
Epidemiology of HIV/AIDS and associated comorbidities in a public antiretroviral treatment (ART) clinic in Pune, India (Supplement)
\$45,897¹

Massachusetts General Hospital
Boston
Andrea Ciaranello, MD, MPH
Estimating the magnitude of the pediatric and adolescent HIV epidemic in Thailand
\$30,000

Columbia University
New York
Milton Wainberg, MD
Capacity development for HIV and mental health research in Asia (CHIMERA)
\$46,763⁴

VIETNAM

Bach Mai Hospital
Hanoi
Do Duy Cuong, MD, PhD
TAHOD Low Intensity Transfer (TAHOD LITE)
\$8,400¹

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$22,360¹

National Hospital of Pediatrics
Hanoi
Nguyen Van Lam, MD, MSc
TREAT Asia Pediatric HIV Observational Database (TAphOD) Site
\$20,000¹

National Hospital of Tropical Diseases
Hanoi
Nguyen Van Kinh, MD, PhD
TAHOD Low Intensity Transfer (TAHOD LITE)
\$8,400

TREAT Asia HIV Observational Database (TAHOD) including NCD Data
\$22,360¹

Children's Hospital 1
Ho Chi Minh City
Truong Huu Khanh, MD
TREAT Asia Pediatric HIV Observational Database (TAphOD) Site
\$20,000¹

Children's Hospital 2
Ho Chi Minh City
Do Chau Viet, MD
TREAT Asia Pediatric HIV Observational Database (TAphOD) Site
\$20,000⁵

2019 PUBLIC POLICY AWARDS

The projects listed below were awarded funding during the period October 1, 2018, through September 30, 2019.

Community monitoring to influence and monitor PEPFAR country programs
Project Director: Jamila Headley
Health GAP (Global Access Project)
Brooklyn, New York
\$47,995

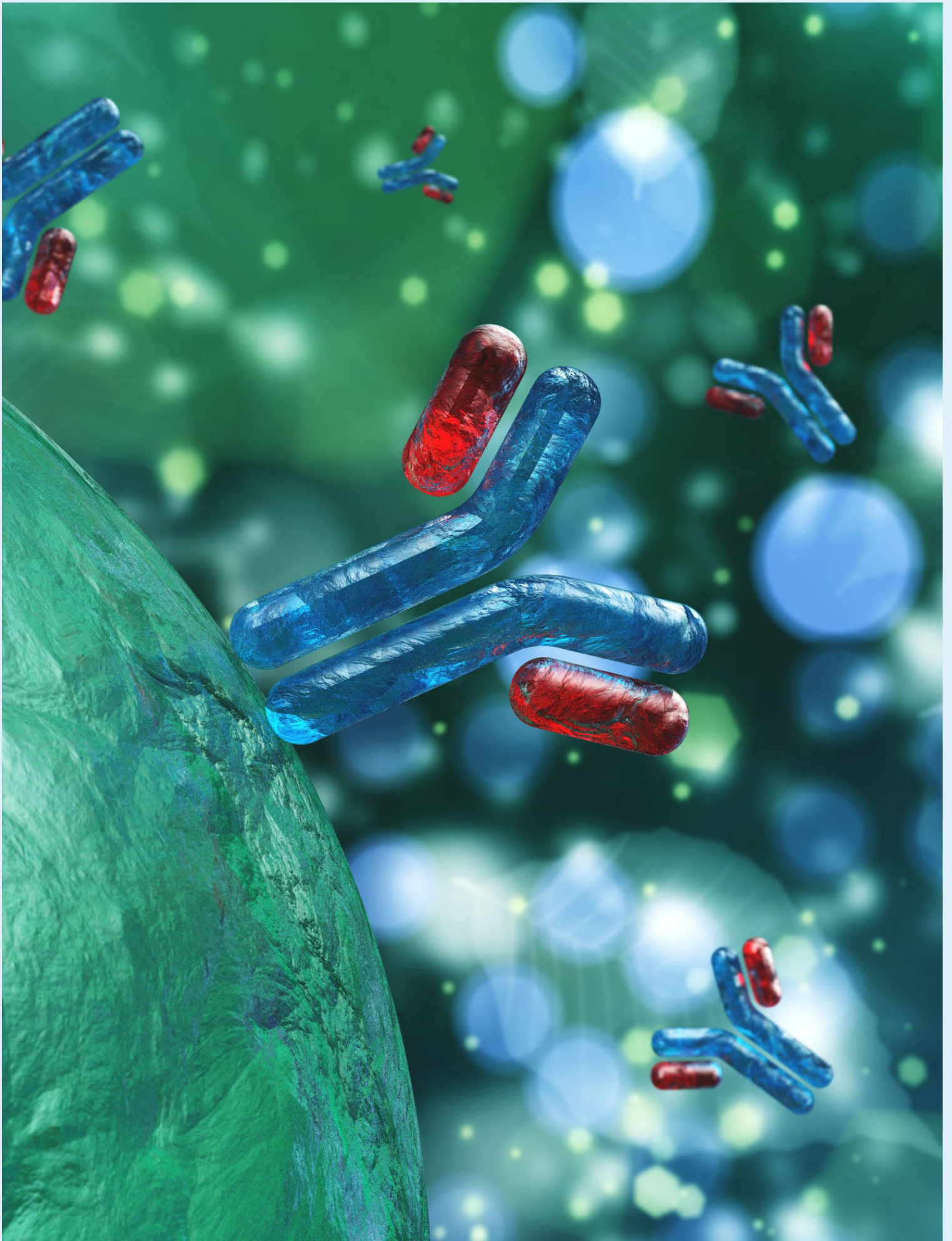
Towards evidence-based programming: data on sex workers' programming in Kenya
Project Director: Josephine Achieng
Bar Hostess Empowerment and Support Programme (BHESP)
Nairobi, Kenya
\$30,000

2019 COMMUNITY OUTREACH AWARDS

The projects listed below were awarded funding during the period October 1, 2018, through September 30, 2019.

Community Outreach Award: Black AIDS Institute PrEP Outreach Programs
Project Director: Phill Wilson
Black AIDS Institute
Los Angeles, California
\$25,000

Community Outreach Award: Pour Les Femmes
Project Director: Shawn Jensen
Schwab Charitable Fund
Orlando, Florida
\$45,000



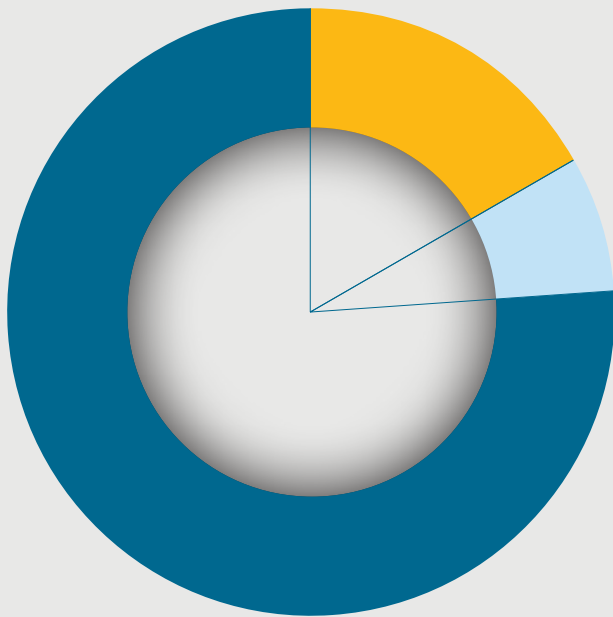
FINANCIAL HIGHLIGHTS

For the year ended September 30, 2019

Public Support and Revenue		
Public support	\$	4,308,007
Special events		16,680,645
Planned giving		2,156,596
Government funding		6,017,798
Investment income and other revenue		2,552,030
Total public support and revenue	\$	31,715,076
Expenses		
Research	\$	15,365,954
TREAT Asia		4,670,067
GMT Initiative		268,329
Public Policy		2,049,054
Public Information		4,098,005
Total program services	\$	26,451,409
Fundraising		5,884,444
Management and general		2,445,341
Total supporting services	\$	8,329,785
Total expenses	\$	34,781,194
Change in net assets		(3,066,118)
Net assets, beginning of year		52,550,679
Net assets, end of year	\$	49,484,561

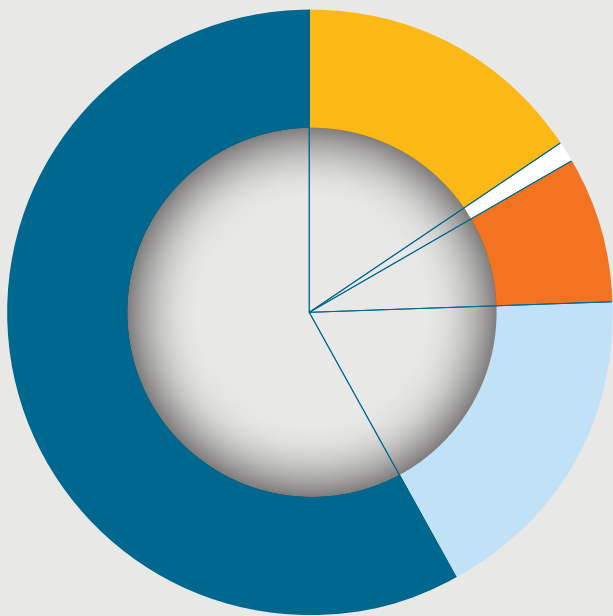
STATEMENT OF FINANCIAL POSITION

Assets		
Cash and investments	\$	51,009,360
Pledges and receivables, net		7,207,120
Prepaid expenses and other assets		3,139,811
Furniture, equipment, and leasehold improvements, net		2,800,812
Total Assets	\$	64,157,103
Liabilities		
Accounts payable and accrued expenses	\$	2,769,299
Grants and fellowships payable, net		2,086,068
Deferred support and refundable advances		7,947,789
Other long-term liabilities		1,869,386
Total liabilities	\$	14,672,542
Total net assets		49,484,561
Total liabilities and net assets	\$	64,157,103



EXPENSES

■ Fundraising	\$	5,884,444
■ Management and general		2,445,341
■ Program		26,451,409
Total	\$	34,781,194



PROGRAM EXPENSES

■ Research	\$	15,365,954
■ TREAT Asia		4,670,067
■ GMT Initiative		268,329
■ Public Policy		2,049,054
■ Public Information		4,098,005
Total	\$	26,451,409

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Chief Science Officer
Scripps CHAVI-ID
The Scripps Research Institute

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HIV Center for Clinical and Behavioral Studies
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Director, Northwestern HIV Translational
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Feinberg School of Medicine
Northwestern University

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Chemical Engineer
Laboratory of Pharmaceutical Technology
Ghent University Hospital

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Center for Drug Use and HIV Research
New York University College of Nursing

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University of California, Los Angeles

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National Institute of Allergy and Infectious Diseases
National Institutes of Health

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University of Texas Southwestern

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Vaccine Research Center
National Institute of Allergy and Infectious Diseases
National Institutes of Health

D. Peter Drotman, M.D., M.P.H.
Editor-in-Chief
Emerging Infectious Diseases
Centers for Disease Control and Prevention

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Program for the Study of LGBT Health
NYS Psychiatric Institute/Columbia University

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Harvard School of Public Health
Director of the Cancer Center Biostatistics
Massachusetts General Hospital

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Department of Microbiology and Immunology
Université de Montréal, Centre de Recherche du CHUM

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AIDS Care Program
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Yale School of Medicine

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Director, Center for Neurodegenerative Disorders
University of Nebraska Medical Center

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CFAR - Center for AIDS Research
Department of Medicine, Division of Infectious Diseases
University of California, San Diego

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Oregon National Primate Research Center
Oregon Health and Science University

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Division of Infectious Diseases and International Medicine
University of Minnesota

Charles H. Hinkin, Ph.D.
Professor
Department of Psychiatry and Biobehavioral Sciences
David Geffen School of Medicine
University of California, Los Angeles

David Ho, M.D.
Scientific Director, Chief Executive Officer
Aaron Diamond AIDS Research Center

Ya-Chi Ho, M.D., Ph.D.*
Assistant Professor of Microbial Pathogenesis and Medicine
Microbial Pathogenesis
Yale University

Thomas J. Hope, Ph.D.
Professor
Department of Cell and Molecular Biology
Feinberg School of Medicine
Northwestern University

Shiu-Lok Hu, Ph.D.
Professor
School of Pharmacy
University of Washington

Moses Joboba, M.B.Ch.B., M.S., Ph.D.*
Associate Professor
College of Health Sciences, Department of Medical Microbiology
Makerere University
School of Medicine
Case Western Reserve University

R. Brad Jones, Ph.D.*
Assistant Professor of Immunology in Medicine
Graduate School of Medical Sciences
Weill Medical College of Cornell University

Edward Kankaka, M.B.Ch.B., M.P.H.*
Rakai Health Sciences Program

Jonathan Karn, Ph.D.*
Director
Center for AIDS Research
Case Western Reserve University

Vineet KewalRamani, Ph.D.
Chief, Model Development Section
HIV Drug Resistance Program
National Cancer Institute
National Institutes of Health

Scott Kitchen, Ph.D.
Assistant Professor of Medicine
Division of Hematology and Oncology
David Geffen School of Medicine
University of California, Los Angeles

Richard Kornbluth, M.D., Ph.D.
President and Chief Scientific Officer
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