



# Research Priorities

The mission of the national Centers for AIDS Research (CFAR) program is to support a multi-disciplinary environment that promotes basic, clinical, epidemiologic, behavioral, and translational research in the prevention, detection, and treatment of HIV infection and AIDS.

The UW/FHCRC CFAR has defined the following Strategic Research Priorities:

- **Prevent New Infections** by prioritizing research on vaccines, microbicides, treatment, behavioral and structural interventions, and other prevention modalities
- **Expand Basic Discovery Research; Find the Cure** by supporting interdisciplinary, collaborative research on pathogenesis, and potential approaches to HIV cure
- **Improve HIV Disease Outcomes** by pursuing new drug targets, and development and evaluation of investigational therapeutic agents; supporting research on diagnosis and treatment of HIV infection, and of HIV-related Cancers and Co-infections and on implementation and scale up research, domestically and globally, at individual and population levels; addressing chronic inflammation-related morbidity; and incorporating health economics evaluations into research on HIV/AIDS treatment and prevention
- **Reduce HIV-Related Disparities** by promoting Sexual Health research, emphasizing positive outcomes and health equity; engaging affected communities with our CAB; and characterizing and monitoring HIV-related health inequities

To accomplish these research priorities, the CFAR will strive to develop a new generation of innovative HIV/AIDS researchers and to provide infrastructure, resources, and incentives for sustainable, interdisciplinary translational health science.



CFAR co-funded Ndinya-Achola Building in Mombasa, Kenya supports HIV research and training



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# CENTER for AIDS RESEARCH



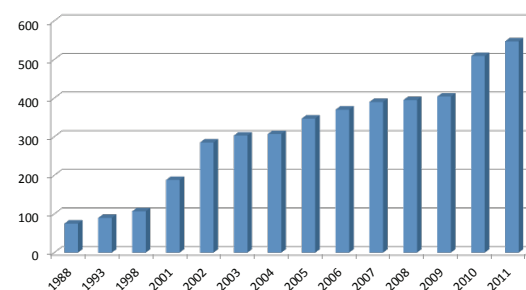


## Who We Are

The UW/FHCRC Center for AIDS Research (CFAR) is one of a network of 21 CFARs throughout the U.S. We have been funded by the National Institutes of Health (NIH) since 1988 to strengthen infrastructure at our consortium institutions (University of Washington, Fred Hutchinson Cancer Research Center, Seattle Children's, Seattle BioMed) by providing services to HIV/AIDS researchers, supporting junior faculty with pilot grants and new investigator awards, fostering cutting-edge research through emerging opportunity awards and specialized Scientific

Working Groups, and a host of other crucial services. Our CFAR has over 400 faculty members, 90 trainees and 70 research scientists. CFAR members are entitled to apply for funding opportunities and access Core services.

Growth of CFAR Membership, 1988-2011



## What We Do

The CFAR exists to provide access to advice, mentoring, and training; state-of-the-art technology and methodology, reagents, and services; and problem solving, collaboration, and funding.

For the period 2013-2018 our CFAR will include 10 Service Cores: Administration, Developmental, Biometrics, Clinical & Retrovirology Research, International, Clinical Epidemiology & Health Services Research, Molecular Profiling & Computational Biology, Immunology, Sociobehavioral & Prevention Research, AIDS-Associated Infections & Malignancies; and 3 Scientific Working Groups (SWG): Curative Therapies for HIV, Substance Abuse and HIV/STI, Implementation Science.

**Funding:** The CFAR supports cutting-edge research and career development of new and early stage investigators through a variety of awards, such as:

- New Investigator Awards encourage new investigators to conduct independent research, acquire preliminary data to use for exogenous grant submissions, receive mentorship, and write grants to obtain funding to continue their research careers (\$45K-\$55K per year for up to 2 years).
- Mentored International Investigator Awards provide mentorship and grant support for junior international investigators to better prepare them for independent research (\$20K per year for up to 2 years).

- Emerging Opportunity Grants are for time-sensitive projects that take advantage of recent developments in a field, new technologies, or that will provide an important new resource or technology to the UW HIV/AIDS research community (\$25K per award).
- International Pilot Awards are for development and implementation of innovative and collaborative research projects in developing countries by junior investigators (\$15K per award).
- International Infrastructure Awards can be used to renovate facilities and purchase supplies and equipment that contribute to the execution, efficiency and development of international research projects (\$10K per award).

- Trainee Support Grants help fund a variety of activities for students, fellows, and junior faculty which are directly relevant to their career development (\$1K per award).

**Events:** The CFAR supports a number of events, most of which are webcast, such as:

- A monthly CFAR Seminar Series provides a forum to present and discuss recent research findings in HIV pathogenesis, virology, care and treatment.
- A quarterly CFAR New Faces Seminar Series highlights local new investigators to present their current HIV/AIDS research.
- An Annual STD & AIDS Research Symposium features presentations by pre- and post-doctoral UW STD/AIDS Research Trainees, and

recipients of awards from the CFAR and STI Cooperative Research Center; as well as a Keynote speaker.

- An Annual Course on Principles of STD & HIV Research offers an intensive overview of the skills needed to pursue a research career in the field of STD/HIV.
- A monthly AIDS Clinical Conference features cutting-edge knowledge of the pathophysiology, diagnosis, and treatment of HIV/AIDS conditions.

**Services:** CFAR Cores and SWGs provide services that are quality-controlled, cost-effective and convenient. Go to our website or contact [cfar@uw.edu](mailto:cfar@uw.edu) to access services.

- Consultations with CFAR faculty and staff are available in the following areas: Biostatistics / Biomathematics; Clinical Epidemiology & Health Services Research Methods; Molecular Profiling & Computational Biology; Immunology; Cost Effectiveness Research Methods; International Study Design & Grant Development; Qualitative Research Methods; and Sociobehavioral & Prevention Research Methods, Study Design and Analysis.
- International Services are provided such as Field Advance Administration & Training and Procurement, Purchasing & Shipping Assistance.
- Basic, Clinical, Computational, and Mathematical Research Support and Tools are provided, for example International Laboratory Support, Cellular Immunity

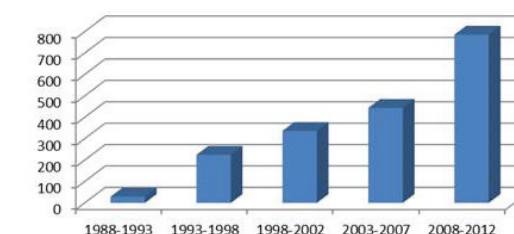
and Humoral Immunity Assays, Virological Assays, Data from the UW HIV Information System, HIV Research Study Participant Screening & Patient Referral, HIV Specimen Repository, Specimen Collection, Computational Tools, Mathematical Modeling, Assays for Viral Oncogens, Molecular Pathologic Assays for HIV-associated Cancers, and Validated Data Collection Instruments.

- Additional Training in areas such as Genomics and Proteomics, Implementation Science, Flow Cytometry, Cost Effectiveness Research Methods, Mathematical Modeling, Qualitative Research Methods, and Viral Dynamics Mathematical Modeling is provided.

**Community Action Board:** A group of key stakeholders in the community serve in an advisory capacity, providing a community perspective on important issues in HIV/AIDS research. Their mission is to encourage communication and build trustworthy collaborations between CFAR researchers and community members and community-based organizations to enhance local, national, and international prevention, treatment, and education activities.

*Don't forget to acknowledge the CFAR and assistance by its Cores and SWGs in your publications, abstracts, grant proposals, and presentations using grant number P30 AI027757.*

Growth of CFAR-supported Publications, 1988-2012



## UW/FHCRC CFAR Leadership



King Holmes, MD, PhD  
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Co-Director



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For more information, visit our website: [cfar.washington.edu](http://cfar.washington.edu)

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To become a CFAR-affiliated member or to be added to the email list, please contact: [Michelle Ward at middlemj@uw.edu](mailto:Michelle.Ward@middlemj.uw.edu)

CFAR-funded solar panels at the Ahero Study Clinic in Kenya

