Program Overview

Lauren Sterling
CFAR Associate Director

November 15, 2019
CFAR P30 Program Overview

• National network of ~17 CFARs
  • Support ~55-60% of all NIH HIV research

• NIH allows for **local control** - Scientific and Fiscal Flexibility
  • Required Cores: Administrative, Developmental, Clinical, Basic Science, SWG

• CFARs co-funded by 10 NIH ICs + OAR
  • CFAR supplements can give you an idea of upcoming research

• CFAR’s provide “added value”: administrative and **shared** research support (cores/expertise/services) to local HIV research

• Importance of inter/multidisciplinary disciplinary collaboration
  • Inter-CFAR working groups (e.g. CNICS, SBSRN, HIV in Women, SSA)
UCSF-Gladstone CFAR

**PI/Director:** Monica Gandhi  
**Co-Director (Basic/Translational):** Peter Hunt  
**Co-Director (Socio/Behavioral):** Mallory Johnson  
**Associate Director:** Lauren Sterling

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**Leadership Cores**

- **Administrative**
  - Mentoring Program
    - Co-Directors: Jonathan Fuchs + TBN

- **Developmental**
  - Co-Directors: Jonathan Fuchs + TBN

- **Health Disparities**
  - Director: Marguerita Lightfoot
  - Assistant Director: Al Liu

- **Clinical and Population Sciences**
  - Co-Directors: Jeffrey Martin, Steve Deeks

- **Immunology**
  - Director: Jeffrey Millush
  - Co-Directors: Jeffrey Martin, Steve Deeks

- **AIDS Specimen Bank**
  - Director: Richard Jordan
  - Co-Directors: Jeffrey Martin, Steve Deeks

- **Pharmacology**
  - Director: Francesca Aweeka
  - Associate Director: Liusheng Huang

- **Implementation Science Working Group**
  - Director: Monika Roy
  - Co-Director: Dave Glidden

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**Scientific Cores and Working Group**
What can CFAR do for you?

• **Mentoring**
  • CFAR Mentoring Program
  • Mentoring the Mentors
  • ESI Retreat
  • Implementation Science Working Group
  • Specific Aims Reviews

• **Core Services**
  • CFAR and non-CFAR

• **Events**
  • CFAR seminars, symposia, workshops
  • Inter-CFAR working groups

• **Funding for you or collaborators**
  • Mentored Scientist Awards through RAP
  • CFAR Supplements
  • *New* Boost Awards
  • International Mentored Scientist
  • Diversity Supplements

• **Consultation**
Implementation Science Working Group (ISWG)

The UCSF-CFAR Implementation Science Working Group, a platform for the dissemination of information, knowledge and capacity related to implementation science research at UCSF in the area of HIV—seeks new members for the new academic year.

Group activities include:
- Bi-weekly meetings methods focused on work in progress
- Annual symposia centered on relevant topics in implementation science
- Meetings at int'l conference (IAS, CROI, Inter-CFAR)
- Collaborations across UCSF/UC Berkeley and across fields

Check out our online resources:
- [https://cfar.ucsf.edu/cores/iswg](https://cfar.ucsf.edu/cores/iswg)

Sign up for our listserv:
- Please complete this form and we will add you to our mailing list: [https://airtable.com/shr3VaG7hi4I9nlM1](https://airtable.com/shr3VaG7hi4I9nlM1).

Present your work:
- If you are interested in presenting an informational session or your work in progress (WIP) please complete this form: [https://airtable.com/shr5TJTJ27zYLVfKG](https://airtable.com/shr5TJTJ27zYLVfKG).

Meetings are every other Thursday from 10am-1130am @ Mission Hall Rm 2700 or via Zoom

Upcoming:
- November 21
- December 5
- December 19

More details and speaker line up: [https://cfar.ucsf.edu/iswg/calendar](https://cfar.ucsf.edu/iswg/calendar)

Leadership:
- Dr. Monika Roy (Division of HIV, IV and Global Medicine)
- Dr. David Glidden (Department of Epidemiology & Biostatistics)
- Dr. Nancy Padian
Core Services
What is a Core?

• A centralized shared resource
• Provides access to
  • Instruments
  • Technologies
  • Services
  • Cell, animal, human support
  • Expert consultation

• Cores come in many flavors, with varied operational models
Why and when to use a Core?

- Expand your research scope and capacity
- Expedite progress by using services already up and running
- Save money by ‘renting’ rather than ‘buying’
- Gain critical insight by consulting with experts throughout the study
  - Especially at the inception stage
So how do I find the right Core?

• ~70 Cores at UCSF, 947 research resources
• Add more with affiliated institutions
What are the CFAR Scientific Cores?

• Health Disparities
  • Marguerita Lightfoot, PhD

• Clinical/Population Science
  • Jeff Martin MD, MPH, Steve Deeks MD

• Immunology
  • Jeff Milush PhD

• Pharmacology
  • Fran Aweeka PharmD

• Specimen Banking
  • Richard Jordan, DDS, PhD, FRCPath
Why are CFAR Cores special?

- CFAR Cores exist to promote ‘Value Added’ services
  - Education, training and mentoring
  - State of the art equipment
  - New assay development
  - Customized services
  - Streamlined interaction with other cores particularly CFAR cores
  - “Conception – to – Publication” support for projects
UCSF RRP

https://rrp.ucsf.edu/find-cores
Successful core use through partnerships

• Your role
  • Picking a Core most relevant for the work needed
  • Project ownership
  • Clarifying your needs (timeline, materials, resources, budget)
  • Defining project scope, complexity

• Core’s role
  • Confirming it’s the right Core. If not, referral to others
  • Provide competency in all areas of service
  • Interact with other cores if needed
  • Defining deliverables (including timeline, defined services, budget, etc.)
Managing Core use can be daunting!

- Nucleic Acid Extraction and Modification
- Specimens
- Bioinformatics
- Immunophenotyping
- Genomic SNP Analysis
- Statistics
Core Organization - Pipelines!

Clinical Core

AIDS Specimen Core

Pharmacology Core

Gladstone Genomics Core & UCSF Center for Advanced Technology

Parnassus Flow Core
Events
CFAR Seminar Series

January 15, 2020
Steve Shoptaw, PhD
Executive Director
Center for Behavioral & Addiction Medicine
UCLA

February 12, 2020
Robert F. Silicano, MD, PhD
Professor of Medicine
Johns Hopkins University School of Medicine

April 1, 2020
Michael Mugavero, MD, MHSc
Professor of Medicine,
Division of Infectious Diseases
University of Alabama at Birmingham

May 6, 2020
Beatrice Hahn, PhD
Professor of Medicine and Microbiology
Division of Hematology/Oncology
UPenn Perelman School of Medicine

June 5, 2020
Judith Currier, MD, MPH
Associate Director
UCLA Center for Clinical AIDS Research and Education
CFAR Seminar Series

September 2, 2020
Sharon Hillier, PhD
Professor, Department of OB/GYN
University of Pittsburgh

October 7, 2020
Tonia Poteat, PhD, MPH, MMSc
Assistant Professor
UNC Center for Health Equity Research

November 6, 2020
Ada Adimora, MD, MPH
Professor of Medicine, Division of Infectious Diseases
University of North Carolina

December 2, 2020
Bette Korber, PhD
Laboratory Fellow
Los Alamos National Laboratory in the Theoretical Biology and Biophysics Group

TBD
Anthony Fauci, MD
Director, NIAID
National Institutes of Health
CFAR Health Disparities Symposium
Funding
# Overview of CFAR’s Funding Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Mentored Scientist Awards</th>
<th>Pilot Awards for Investigators New to HIV</th>
<th>International Mentored Scientist Awards</th>
<th>CFAR Supplements</th>
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<tbody>
<tr>
<td><strong>Maximum Award Amount</strong></td>
<td>$50,000</td>
<td>$50,000</td>
<td>$30,000</td>
<td>~$100,000+</td>
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<tr>
<td><strong>Award Period</strong></td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
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<tr>
<td><strong>Eligibility</strong></td>
<td>Postdoc to Junior faculty with terminal degree at CFAR-partner institute, no R01 funding</td>
<td>Junior to mid-level faculty without prior HIV research funding</td>
<td>Foreign researchers affiliated with the CFAR without NIH R01 HIV funding</td>
<td>Typically junior faculty at CFAR partner institute without prior NIH R01 funding</td>
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<td><strong>Mentor Required</strong></td>
<td>Yes</td>
<td>No, but needs HIV collaborator</td>
<td>Yes, must be CFAR affiliated</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Deadline(s)</strong></td>
<td>RAP Spring and Fall</td>
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<td>RAP Spring and Fall</td>
<td>NIH sets – typically May</td>
</tr>
<tr>
<td><strong>International research allowed</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Required</td>
<td>Depends</td>
</tr>
<tr>
<td><strong>Research topics</strong></td>
<td>Relevant to NIH high priority areas and clearly linked to HIV. No clinical trials.</td>
<td>Relevant to NIH high priority areas and clearly linked to HIV. No clinical trials.</td>
<td>Relevant to NIH high priority areas and clearly linked to HIV. No clinical trials.</td>
<td>Set by NIH institutes each year. No clinical trials.</td>
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The object of the HIV Research Boost award mechanism is to remove obstacles to HIV research productivity by providing timely crucial resources of $50-$5,000 that cannot easily obtained through other funding mechanisms.

Funds are intended to be used to:

- Enable a new grant application that is expected to be submitted within the next 12 months
- Gather data needed for a grant application that is being revised for resubmission
- Obtain supplemental data needed for a publication that is being revised for resubmission
- Reduce obstacles encountered during a currently funded research project.

**Example allowable costs:** poster printing, core services (not just at CFAR), salary/benefits for a temporary research associate, consultant or biostatistical consulting costs, writing coaches, allowable equipment, supplies or software, foreign IRB fees, study participant incentives or other supplies needed for recruitment/retention, travel support to present research results or meet with collaborators, training course fees, etc.
Consultation
Acknowledgement

CFAR is supported by a grant from the National Institutes of Health, UCSF-Gladstone Center for AIDS Research (P30 AI027763).

Some of these slides were adapted from slides developed by Teri Liegler and Jeff Milush.
Extra slides
UCSF-Gladstone CFAR Specific Aims

1. Provide administrative and scientific leadership that proactively identifies the most important challenges emerging at the cutting edge of HIV research;

2. Identify, mentor, and support a highly skilled, diverse, and thoughtful next generation of HIV investigators by providing a strong mentoring program unique to UCSF and through a California-funded Health Disparities Core linked to CFAR;

3. Conduct a dynamic pilot grants program to accelerate discovery;

4. Maintain an outstanding set of scientific cores to extend the reach of Center investigators’ research;

5. Ensure our programs support major NIH-funded HIV/AIDS research programs and OAR priorities;

6. Confront domestic prevention and treatment disparities through effective local collaborations;

7. Direct CFAR’s research and capacity building programs to international sites where the epidemic is hitting the hardest;

8. Engage the communities we serve through a set of novel alliances; and

9. Forge effective inter-CFAR collaborations to nucleate research teams across different disciplines and sites to address all dimensions of these identified challenges.