



## AVAC Report 2009 At a Glance

This year's *Report* covers a lot of topics. The summaries below are a guide to the main pieces of each section.

### Puzzling Out Progress

#### Balance

##### **Pursuing Prevention: Are there missing pieces?**

What might help the field balance research on virologic control with the pursuit of complete protection (see page 12)?

#### Planning

##### **Fitting AIDS Vaccine Science into the Bigger**

**Picture.** What happens if there's evidence of benefit from trials of other strategies, like pre-exposure prophylaxis (PrEP) or microbicides? There will be opportunities and challenges for future trials (see page 22).

#### Coordination

##### **Solving the Enterprise Equation: When is a whole greater than the sum of its parts?**

It's been five years since the field joined together in the collective venture of the Global HIV Vaccine Enterprise and one year since Alan Bernstein became its inaugural executive director. How well is the vision being realized (see page 24)?

#### Iteration

##### **Steps to Success: The Step study's scientific**

**contributions to the field.** The trial of a candidate that failed to show overall benefit continues to yield valuable clues that can help improve next-generation approaches (see page 32).

### Puzzling Out Success

#### Context

##### **The PrEP Implementation Puzzle: Many**

**missing pieces.** No new prevention option will be a simple solution. Although enthusiasm is mounting about ARVs as prevention, it's essential to consider how PrEP or treatment-as-prevention of HIV-positive people to reduce infectiousness would impact health systems, human rights and current programming (see page 46).

#### Leadership

##### **Part of the Solution: Setting expectations for**

**WHO and UNAIDS.** The World Health Organization and UNAIDS play essential roles as "normative agencies" offering guidance and technical and advocacy support to developing countries. What has recent experience with male circumcision taught about these agencies' strengths? What roles can they play in preparing for PrEP or other trial results (see page 54)?

#### Community Involvement

##### ***Te queremos*—but are we ready? Taking the next step with HIV prevention research and gay men in the developing world.**

Research projects can provide valuable information to guide implementation. Gay men and other men who have sex with men in the developing world have participated in a range of HIV prevention studies, and the first results from a PrEP trial may come from the iPrEx study involving gay men. What have these studies taught us, and what are the next steps (see page 64)?