

April 1–3, 2004

ALL - AFRICA CONFERENCE

Kampala



## Assuring Food and Nutrition Security in Africa by 2020

*Prioritizing Actions, Strengthening Actors, and  
Facilitating Partnerships*

## Garantir la Sécurité Alimentaire et Nutritionnelle en Afrique d'ici 2020

*Priorités des Actions, Renforcement des Intervenants  
et Facilitation des Partenariats*

Organizer  
International Food Policy Research Institute

Host  
The Government of The Republic of Uganda



# ASSURING FOOD AND NUTRITION SECURITY IN AFRICA BY 2020

## **HIV/AIDS and Nutrition Security** **Addressing the Interactions**

**Stuart Gillespie**

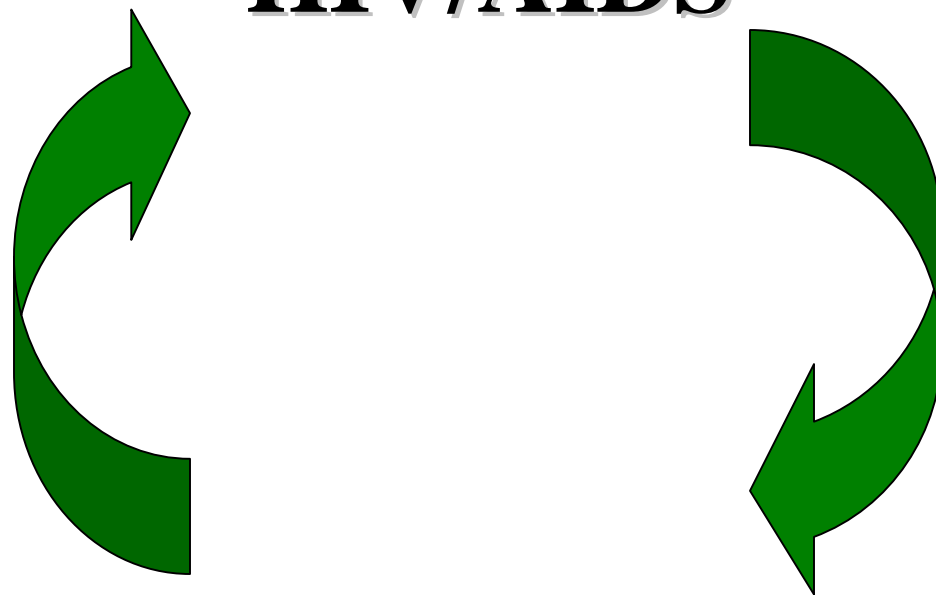
*International Food Policy Research Institute*

*2 April 2004*





# HIV/AIDS



## Food and nutrition insecurity

- chronic
- acute (food crisis → famine?)



*“The microbe is nothing,  
the terrain everything”*

**Louis Pasteur, 1850**



# CAUSES

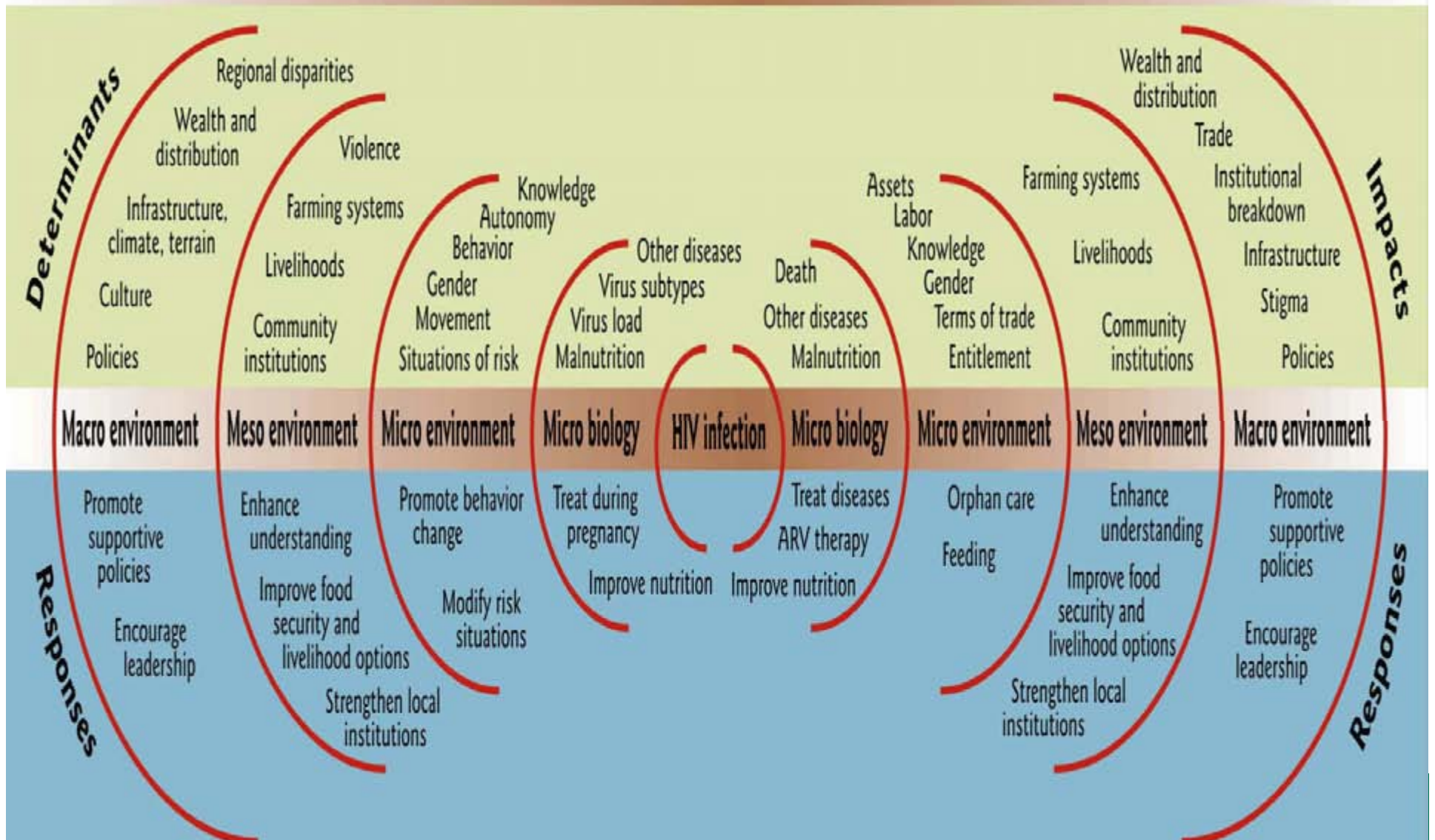
# CONSEQUENCES

*time*

Wide

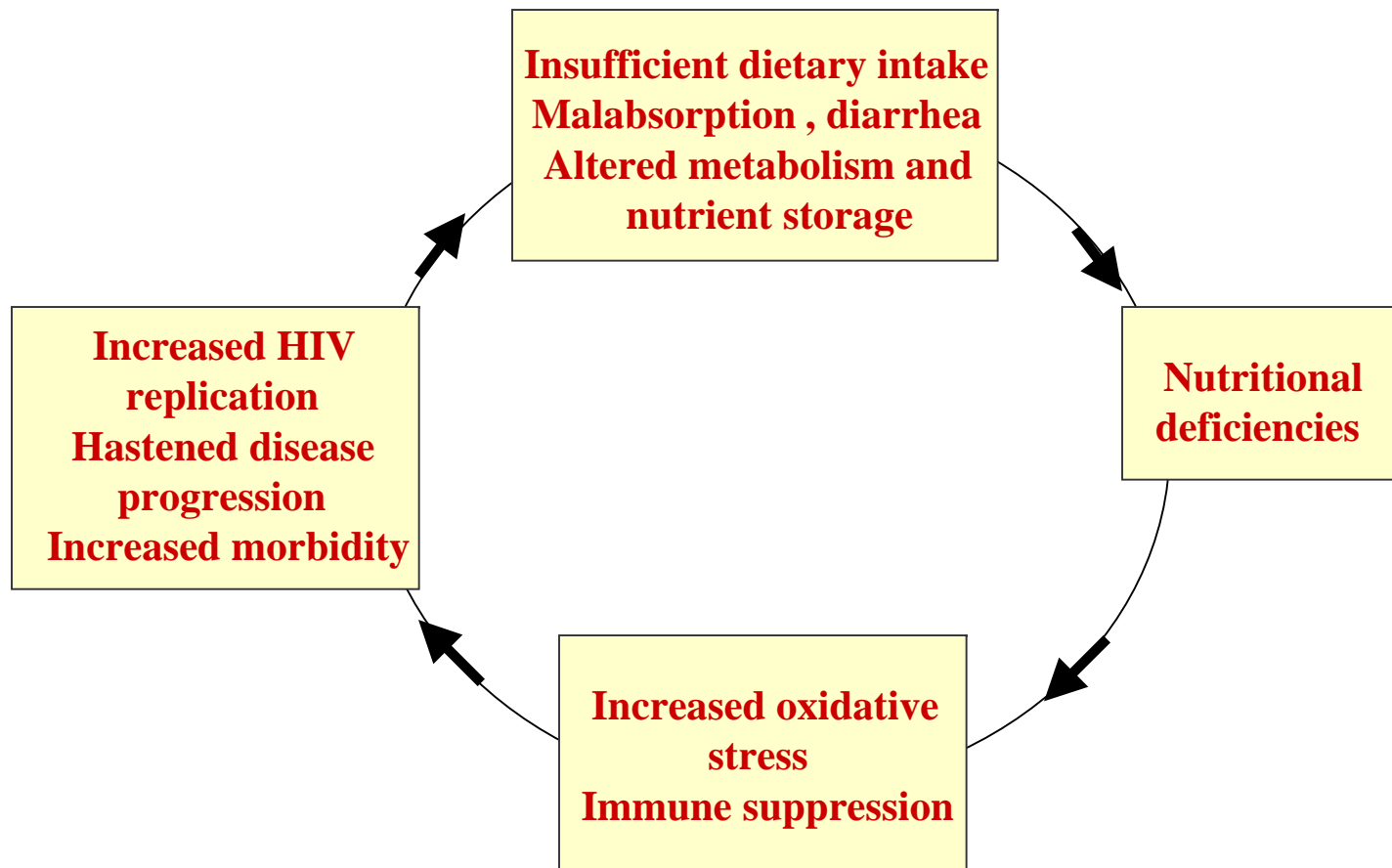
Immediate

Wide





# The vicious cycle of malnutrition and HIV



Source: Semba and Tang, 1999



# Nutrition is fundamental...

**...to all 4 pillars of a comprehensive response to HIV/AIDS**

- **Prevention**
- **Care**
- **Treatment**
- **Mitigation**



# Nutrition in prevention and care

- **Prevention**
  - **Malnutrition..**
    - **compromises immunity**
    - **increases risk of genital ulcers, STDs, mastitis**
    - **increases risk of mother-to-child transmission.**
- **Care**
  - **HIV raises energy requirements by 10-30%**
  - **Malnutrition hastens onset and severity of opportunistic infections**
  - **Malnutrition hastens onset of AIDS & death**





# Nutrition in treatment and mitigation

- **Treatment**

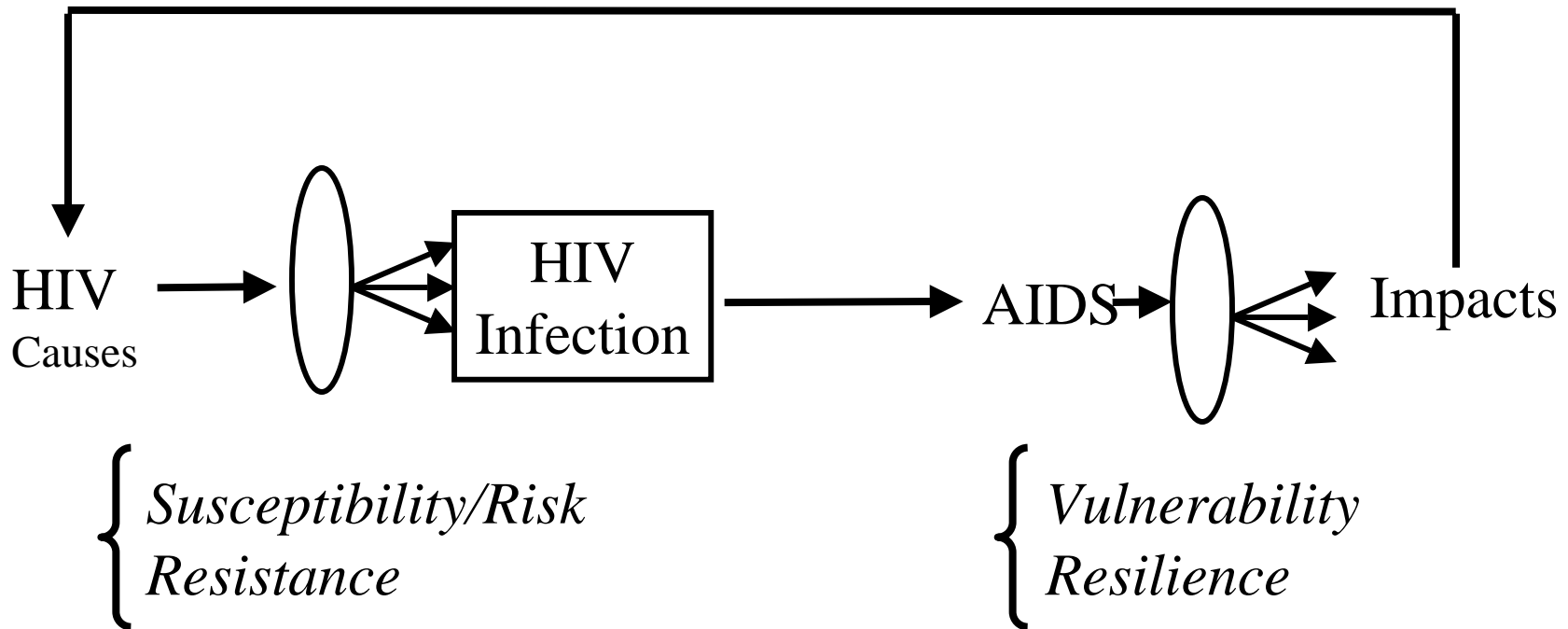
- Antiretrovirals may be less efficacious if person is malnourished
- Side effects may be worse, reducing compliance

- **Mitigation**

- Malnutrition and associated ill-health reduces resilience through compromising ability to work, energy to innovate and to ‘cope’



# Using an HIV/AIDS lens





# Principles for action

- **Strengthen individual, hh, community capacities:**
  - **to *resist* HIV and**
  - **to recover (*resilience*) from AIDS impacts**
- **Ensure safety nets for those who cannot ‘cope’**
- **From ‘individual infected’ → ‘community affected’**
- **Balance short-term and long-term**
- **Learn from the micro-level, but scale up**
- **Scale up organizationally through mainstreaming, using the HIV lens**



# Direct nutrition interventions

- **Focus on women**
- **Ensure dietary quantity and quality**
- **Micronutrient supplementation**
- **Nutrient-rich food aid for *acutely* food insecure**
- **Integrate information and communications into health care outreach**
- **Link nutritional support with ARV therapy, within a comprehensive home-based care program**



# Food security interventions

- **Maximize efficiency of labor and time**
  - Labor management
  - Community labor and childcare pooling
- **Ensure access to land and finance**
  - Land tenure and credit policies, access to inputs
- **Preserve knowledge**
  - Farmer life schools, HIV-relevant agricultural extension, schooling incentives, rural radio