



Innovation in HIV Prevention  
Research Workshop

Harare, Zimbabwe

21-22 AUG, 2019

# Capacity Building Activity Overview

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# CONRAD Overview

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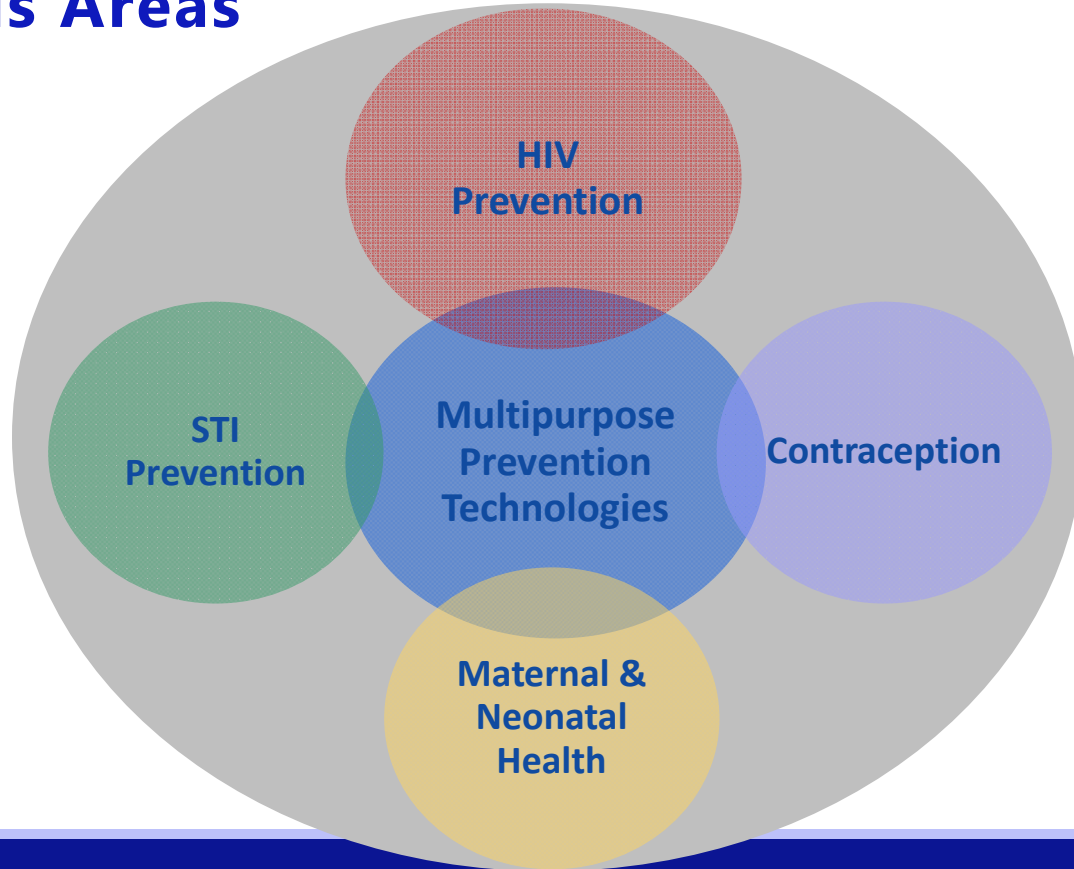
CONRAD is a non-profit biomedical R&D organization



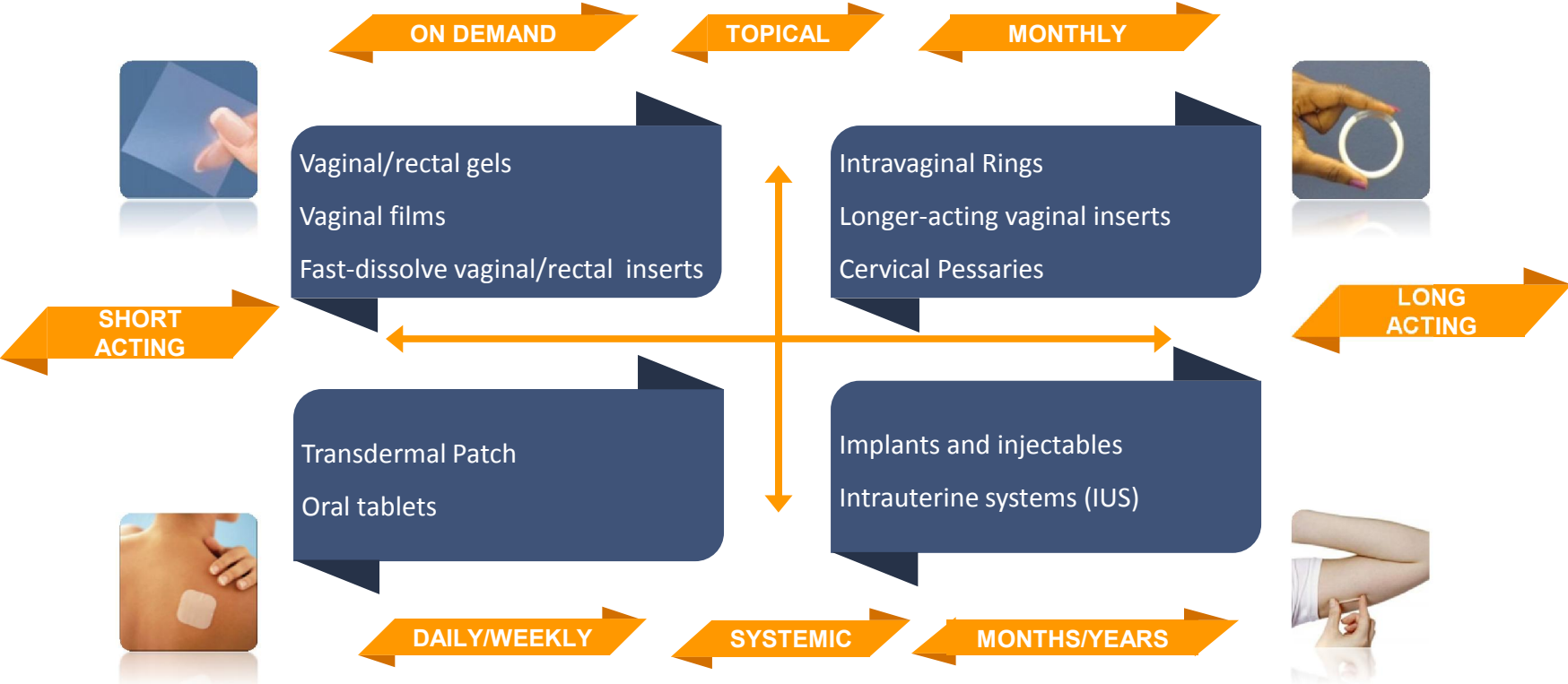
**Mission Statement:** To improve **global health** by enabling **prevention** of HIV/STI, unintended pregnancies, and maternal and neonatal disease through the development of **innovative, user-centered** technologies

# CONRAD Development Pipeline

## R&D Focus Areas



# Novel Drug Delivery Systems & Products



# NIX HIV Program Overview

*Next generation products for prevention of HIV infection in women*

## Activities

Develop novel long-acting, systemic **antiretroviral pellet implant**

**Technology innovation incubator** for new drug delivery concepts and ARVs

**Fill critical gaps** (adherence measures) and **build research capacity** in the field

## Outcomes

Next-gen biodegradable pellet implant ready for further clinical testing

Redesigned inserter suitable for low-resource settings

Expanded pipeline for long-acting HIV prevention

Strengthened research capacity through:

Point-of-care adherence assessment;

Sustainable engagement of local research networks in Zimbabwe and SA

# Innovation in HIV Prevention Research

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**Objective:** Two-day scientific training workshop to provide research tools, networking, and funding resources for young investigators in the HIV prevention field

# Innovation in HIV Prevention Research

## Summary of Day One

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- Current and next generation approaches for epidemic control
  - Current status of epidemic in Zimbabwe and PEPFAR contributions
  - Overview of PrEP studies
  - Existing and next-generation LA HIV prevention approaches
  - End-user preferences in HIV prevention products
- Contraception, Biology and Behavior
  - Contraception
  - Microbiome
  - Biomarkers of Adherence
  - Modeling of HIV outcomes
- Interactive sessions
  - Clinical (Phase I sampling)
  - Laboratory (PD endpoints)
  - Sociobehavioral (User perspectives)

# Innovation in HIV Prevention Research

## Looking Ahead to Day Two

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- Building Research Capacity
- Focus on Young Investigators: Oral and abstract presentations
- Towards HIV eradication
  - Target populations and ethical research issues
  - Risk perception
  - Looking ahead
- Interactive sessions
  - Grant writing and research methodology
  - Laboratory
    - Immunology, Virology and vaccinology
    - HPV, HIV and the microbiome



# Follow-up Training Opportunities

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**Interested in future research training opportunities?**

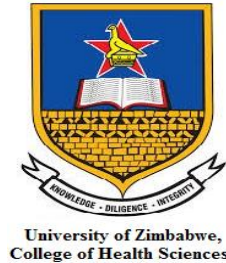
**Look for announcements soon regarding:**

- US-based training opportunity for 2 selected junior researchers
- Seed funding to enable an innovative pilot research project



# Thank you for participating!

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*Please join us for a group photo at the end of this session!*