Gorillas and Family Planning at the Crossroads: CTPH ten year journey

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Dr. Gladys Kalema-Zikusoka
Ashoka Fellow and Whitley Gold Award Winner
Founder and CEO
Conservation Through Public Health
Mt. gorilla population recent increase from 780 to 880
Mountain Gorilla Habitat
Scabies in gorillas and people
Conservation Through Public Health

Mission
• Promotes biodiversity conservation by enabling people, wildlife and livestock to coexist through improving their health and livelihoods in and around Africa’s protected areas

Vision
• People, wildlife and livestock living in balance health and harmony with local communities acting as stewards of their environment.
The Solution

Three integrated programs:

- Wildlife Conservation
- Community Health
- Livelihoods (started with telecentres)
Gorilla health monitoring training
Zoonoses investigations
US Ambassador Steve Browning and wife, Susan visit Gorilla Research Clinic
Livestock health management by CTPH staff, community and international student volunteers
Strengthening community based health care in the TB Community Based Direct Observation of Treatments (CBDOTS) program, while working with traditional healers.
Family planning

Number of children households wish to have

- fourteen
- twelve
- ten
- eight
- six
- four
- two
- none

Percentage of households
Adding family planning
CTPH Population, Health and Environment (PHE) Educational Flip Chart
CTPH Village Health and Conservation Teams (VHCTs)
CTPH’s Village Health and Conservation Teams in Community Based Depo-Provera (CB DEPO) partnership with FHI360
Gorilla crossing microhydel dam in the Bwindi forest
Sanitation and hygiene - behavioral change awareness and surveys

Comparison in Cleanliness of Water Collection and Storage Containers Used at Protected and Non-Protected Water Sources

- Water Collection Containers
  - Protected Water Sources: 47.2%, 52.8% (Clean and Not Clean respectively)
  - Non Protected Water Sources: 42.7%, 57.3% (Clean and Not Clean respectively)
- Water Storage Containers
  - Protected Water Sources: 21.9%, 22.9% (Clean and Not Clean respectively)
  - Non Protected Water Sources: 78.1%, 77.1% (Clean and Not Clean respectively)
Virungas - Mount Tshiabirimu
Non protected water source in Mt T
Sustaining Village Health and Conservation Teams (VHCTs)
VHCT income generating projects reinvested into VSLAs
120 VHCT community Volunteers (Bwindi & Virungas)

Bwindi Kanungu volunteers now consistently reaching 11,000 people.

Trained VHCTs in Bwindi Kisoro – 11,000 people; and Virunga national park - 22,000.

Increased reporting of human and gorilla interactions

Increased monitoring at the human/gorilla/livestock interface (Intestinal helminths, Giardia, Crypto, Salmonella during gorilla census)
IMPACT – Health and Conservation

- 12 fold increase in new family planning users, over 60% women above 28% of national average
- 50% increase in hand washing facilities, anal cleansing material, clean water storage containers, drying racks
- 11 fold increase in TB suspects referred

- Reduced human and gorilla conflict
- Reduced disease incidences in the gorillas
- Improved perceived conservation attitudes (plan to measure)
A Sustainable and Scalable Model
# PHE Advocacy in Uganda

## Fact Sheet

### PHE Indicator

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<tbody>
<tr>
<td>Population Growth Rate</td>
<td>3.2</td>
<td>3.2</td>
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<tr>
<td>Total fertility rate</td>
<td>6.9</td>
<td>6.7</td>
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<tr>
<td>Urban</td>
<td>4.0</td>
<td>4.4</td>
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<td>Rural</td>
<td>7.4</td>
<td>7.1</td>
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<tr>
<td>Percent of married women using contraception (modern methods)</td>
<td>19.0</td>
<td>24.0</td>
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<tr>
<td>Infant deaths per 1,000 births</td>
<td>89.0</td>
<td>75.0</td>
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<td>Child deaths per 1,000 births</td>
<td>158.0</td>
<td>137.0</td>
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<td>Urbanization (% urban of total pop.)</td>
<td>12.0</td>
<td>13.0</td>
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<tr>
<td>HIV prevalence (% of total pop.)</td>
<td>7.9</td>
<td>6.4</td>
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<td>Percent of households with access to improved water source</td>
<td>61.0</td>
<td>67.0</td>
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<td>Percent of households with access to improved and nonshared toilet</td>
<td>41.0</td>
<td>58.0</td>
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<td>Percent of population using firewood and charcoal as fuel for cooking</td>
<td>97.0</td>
<td>99.0</td>
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Lake Victoria Basin
Next Steps

- Scale up VHCT and VSLA approach to other protected areas
- Advocate for integrated approaches in Uganda through Uganda Population, Health, and Environment (PHE) working group, Poverty and Conservation Learning Group, CTPH Patron HRH Queen Sylvia of Buganda, UWA Board position
- Work with training institutions to develop PHE curriculum and CTPH as a field site
Building permanent Community Health and Gorilla Conservation Centre
UWA and CTPH partnership
Get Involved

- Sign up for monthly e-newsletter
- Visit us (Premier Safaris and CTPH)
- Make a donation (paypal, network for good, website)
  - Continuous CTPH activities
  - VHCT meetings and outreach
  - Community Health and Gorilla Conservation Centre
  - Scaling up to other protected areas
- Participate in special events (CTPH 10 year anniversary this year)
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