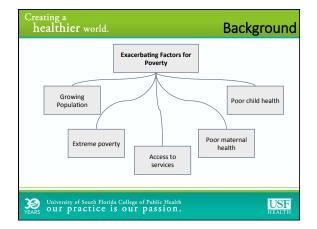
| Creating a healthier world.  |
|--|
| "Ambiente limpio es ambiente sano"<br>(Clean environment is a healthy environment):<br>Environmental health education in Ngäbe-Buglé Indigenous<br>population  |
| Arlene Calvo, PhD, MPH , Community and Family Health, Global Health, University of South Florida Parama Program, Panama, Panama (ourdes Alguero, BN, MPH, Universidad de Panama, Panama Shio iv lega, Mib MSC, Microbiology, Social Security System, Panama, Panama Arturo Rebollion, My MPH, CPH, USF Health International Foundation, University of South Pfords, Panama, Panama Morgan Hes-Holtz, MPH, CPH, USF Health International Foundation, Panama City, Panama AMRICAN PHILIP (ARIH A MSOCIATION COMPETENCE)  AMRICAN PHILIP (ARIH A MSOCIATION COMPETENCE)  November 18, 2014 8-30 -8-30 AMR |
| University of South Florida College of Public Health our practice is our passion.  |
|  |
| Creating a healthier world.  Objectives  |
| Demonstrate the application of community participation in the development of culturally sensitive material for health education.   |
| Describe the outcomes of an environmental health education intervention.   |
| University of South Florida College of Public Health our practice is our passion.  |
|  |
| Creating a healthier world. Disclosures  |
| Arlene Calvo, PhD  |
| The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:  |
| No relationships to disclose   |
| University of South Florida College of Public Health   |



# creating a healthier world.

### **Background**

The Ngäbe-Buglé is the largest indigenous population in Panama with 156,747 inhabitants. This rural population lives in extreme poverty with difficult mountainous geography that isolates and exacerbates health disparities.

Lack of resources, information, and access to services contribute to inadequate management of community surrounding environment impacting public health outcomes.



University of South Florida College of Public Health our practice is our passion.



# reating a healthier world.

### Implementation

Formative research using qualitative and quantitative methods guided a train-the-trainer participatory process to educate community Promotores to disseminate education messages to their respective communities.





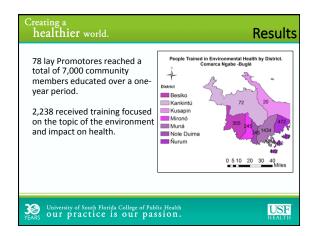


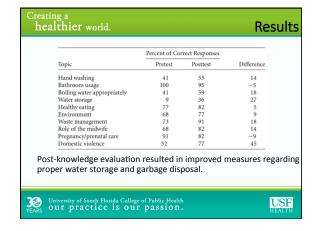
### reating a healthier world. Implementation Each health promoter trained completed prepost testing questionnaires and received an educational kit (culturally appropriate flipchart, report forms, water-proof bag). University of South Florida College of Public Health our practice is our passion. USF Creating a healthier world. Implementation **Health Promoters** delivered health trainings in their communities for 6 months (Avg. 2/month/ promoter) University of South Florida College of Public Health our practice is our passion. reating a healthier world. Implementation Promotores en Acción (Health promoters in action)

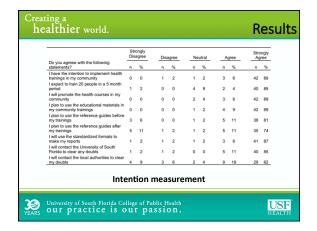
USF

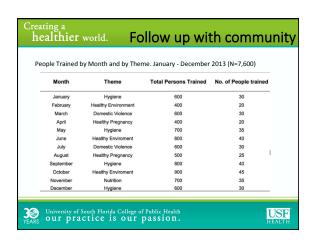
University of South Florida College of Public Health our practice is our passion.

# Creating a healthier world. The environment as a health topic was the second most requested theme (44%). Environment focused on indoor and outdoor sanitation, management of garbage and latrines, and accident prevention in the house. Second Most requested theme (44%). Environment focused on indoor and outdoor sanitation, management of garbage and latrines, and accident prevention in the house.











# Creating a healthier world.

### Why does this project matter?

- The examination of important health themes as determined by community with training of health promoters using culturally appropriate material increased knowledge and community engagement to improve practiced norms in the community.
- The community involvement maximizes sustainability of efforts in combating specific health disparities in regions with limited resources and geographic difficulty.







