



Public Private Alliance Foundation

# Teamwork to Promote Solar & Biogas Cooking at University and Community Levels

April 10, 2019

**David Stillman, PhD**  
**Executive Director, PPAF**



# Teamwork – A consortium of organizations



**Improving lives, health & the environment  
with clean cookstoves.**

## **Collaboration at Université Notre Dame d'Haiti – UDERS de Hinche**

### **Our approach –**

- Education on use and manufacture of solar cookers and biodigesters for biogas and garden fertilizer
- Community engagement to decrease health and environmental damage and create sustainability

### **Our vision –**

- \* Widespread use of improved ways to cook
- \* Reduced dependence on charcoal for cooking
- \* A greener Haiti with food security

# November 2017 – Response to Vice-Rector’s request for a short course and to build a biodigester



# UNDH student feeding and caring for a biodigester



# Spring 2018 – Students form a committee to explore the technology



# Spring 2018 - Students cooking with biogas & solar power.



**June 2018 - The Vice-Rector, student committee members, and visiting team members on “Science Day.”**





# Oct. 2018 to present - The first known Haitian college course on solar and biogas cooking



# Several solar cookers are installed at UNDH-Hinche



# Teaching biodigester construction on campus



# Collecting biogas for cooking



# Stoves can be home-made or store-bought



**Biodigester effluent fertilizes a garden on campus.**



# Community outreach in the Second Semester Practicum

Setting up a solar cooker with a family, and arranging to monitor use and satisfaction.





Public Private Alliance Foundation

David Stillman PhD  
Executive Director, PPAF

C: 914-924-0108

[ppafoundation@gmail.com](mailto:ppafoundation@gmail.com)

[www.ppafoundation.org](http://www.ppafoundation.org)

Thank you!