

# Georgia Tech and Emory Students Combine to Combat Sanitation Crisis



## Motivation:

- 2.6 billion people worldwide lack basic sanitation
- Conventional sewage treatment often not affordable, feasible or sustainable

## **The Design:**

A latrine that uses solar energy to quickly deactivate pathogens in fecal matter.

- Decreases risk of disease transmission
- Enables waste to be used as rich fertilizer

## Project Background:

- Originated in 2006 as a collaborative between: Georgia Tech Research Institute, Center for Global Safe Water at Emory, Fundación Sumaj Huasi (Bolivian NGO), and Engineers Without Borders-GT
- Past support from the World Bank and NCIIA Sustainable Vision Program
- Placed at NCIIA Open Minds Exhibition in Washington D.C. (March 2011)

## **Students create Sanivation**

*Company focused on providing novel solutions to the world's sanitation crisis*

## Up Next:

- Sanivation funded to participate in Start-Up Chile starting July 2011
- Sanivation team moving to Santiago to continue field testing and product development



## **The Sanivation Team (left to right):**

Andrew Foote: Emory '10 (BA), GT '11 (BSE-CEE)  
Emily Woods: GT '10 (BS-Mechanical Eng.)  
Chris Quintero: GT '11 (BS-Mechanical Eng.)  
Nick van Vliet: Emory '09 (BBA-Goizueta)  
Sean Kolk: GT '11 (BA-International Affairs)



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