Malnutrition-Lack of nutritional elements necessary for basic human life.

Protein energy malnutrition (PEM) is the inadequate intake of protein and food that provides energy. It is the leading cause of death of children in developing countries.

-Secondary PEM: Compilation of diseases that impair the body’s ability to absorb or use nutrients, or to compensate for nutrient loss.

- Kwashiorkor and Marasmus
2006 Global Hunger Index
“Basis for Cross-Country Comparisons” By: Doris Weismann
International Food Policy Research Institute (IFPRI)

Global Hunger Index
- ≥ 30.0 extremely alarming
- 20.0 – 29.9 alarming
- 10.0 – 19.9 serious
- 1.5 – 9.9 low to moderate hunger
- no data
- excluded from GHI

Figure 1  Regional GHI Trends, 1981–2003

- South Asia
- Sub-Saharan Africa
- Southeast Asia
- Near East and North Africa
- Latin America and Caribbean

Source: Author’s calculations (see Wiesmann 2006).
Note: Eastern Europe and the Former Soviet Union are not included because data availability is insufficient to show long-term trends.

Figure 2a  Sub-Saharan Africa

- Burundi
- Eritrea
- Democratic Rep. of Congo
- Ethiopia
- Sierra Leone
- Niger
- Chad
- Angola
- Comoros
- Mozambique
- Central African Republic
- Rwanda
- Sudan
- Malawi
- Kenya
- Guinea
- Djibouti
- Nigeria
- Benin
- Uganda
- Ghana
- Lesotho
- Gabon
- Botswana
- Namibia
- Swaziland
- South Africa
- Mauritius

Notes: GNI per capita is based on purchasing power parity and expressed in constant 20...
Startling Statistics About Hunger:

- In 2006, 854 million people worldwide were undernourished.
- In the United States, more than 36 million people experience hunger on a constant basis.
- An estimated 13 million American children go to bed hungry.
- Hunger exists in 1 out of every 10 households in the United States.
- In the past 8 years, poverty has risen about 17 percent, increasing the population of those who experience hunger as well.
- 39% of the national homeless population is composed of children younger than 18, and almost half of those children are under the age of 5.
Startling Statistics:

- Over 500 million people living in Asia, Africa, Latin America are living in absolute poverty.
- For the same price as one missile, a school of hungry children could eat lunch every day for five years.
The United Nations has declared 2005-2015 “The International Decade For Action,” and have set 8 goals.

1. To eradicate extreme poverty and hunger:
   - Reduce half the population of people living no less than a dollar a day
   - Reduce by half the proportion of people who suffer from hunger.

4. Reduce child mortality rates among developing countries
   - Reduce by two thirds the mortality rate of children under the age of five.
Dehydration and Water Scarcity

- Dehydration means that your body doesn’t have as much fluids as it should, and can be caused by losing too much fluids or not drinking enough fluids.
- An estimated 42,000 people die every week from diseases related to low water quality and an absence of adequate sanitation.
- 2.6 billion people worldwide who are without proper sanitation facilities.
- Every year inadequate water, sanitation, and hygiene contribute to the deaths of 1.5 million children.
- More than 1 million people die a year from malaria.
Dehydration and Water Scarcity

- United Nations Water has declared 2008 the International Year for Sanitation.
- The primary goal of the “Water for Life” Decade from 2005 to 2015 is to achieve these internationally agreed development goals relating to water, through cooperation on water issues and participation of women in these development efforts.
- Lack of safe water and adequate sanitation is the world’s single largest cause of illness. Two million people, most of them children, die every year from water-borne diseases, such as diarrhea, and millions become seriously debilitated.
Museum Of Natural History

Water: H2O = Life
Earth
Amount of Drinkable Water
Effects of Hunger and Dehydration
Fighting Hunger and Dehydration-Raising Awareness and Funds

What We’ve Done:

- Meetings with Dr. Hankin, Dean Reina, Dean Slavin and Don Hennessey in respect to placing donation cans in WCC Café bearing our slogan “Drop Your Change, Change The World.”
- Bake Sale-Raised over $200.
- Participation in Walk Against Hunger sponsored by the Philadelphia Hunger Coalition.
Fighting Hunger and Dehydration - Raising Awareness and Funds

What We’ve Done:

- **Our 30 Hour Famine**
  - Students feel effects of hunger and thirst first hand, and give video testimonials. Students are allowed a standard amount of water for the exercise, and must learn to ration their resources like so many others who are not as fortunate.

**Food Drive For Haiti**

- We worked with Dr. Williams and the Black Student Union to help raise money, canned food, and awareness. The Food and money will be sent to a Church in Haiti.
Work Cited

- World Hunger Notes, and online magazine about world hunger and poverty in the United States, published by World Hunger Education Services (WHES), www.worldhunger.gov
  - www.freedomfromhunger.org

- International Food Policy Research Institute, www.ifpri.org
- www.un.org