A Major Problem

The United Nations has recently recognized water as a fundamental human right. This provides a human rights framework for the Millennium Declaration goal of halving the number of people unable to reach or afford safe drinking water by 2015. Achieving this would require that an estimated 125,000 unserved and underserved people be connected to safe drinking water supplies every day before 2015.

Diarrhea was estimated to be the number one killer of children under 5 at the beginning of the decade and now continues to be a major of death among the worlds children.

"Diarrhoeal incidents, duration, severity, and mortality are higher in children with HIV/Aids than in others. Chronic Diarrhoea is a major cause of morbidity and death among adults with HIV" (WHO)

A Reliable Solution

A simple, clay filter incorporating the microbiological inhibiting properties of colloidal silver is providing clean drinking water to people throughout the developing world. Ceramic Water Filters are devices that can be made by local potters and sold cheaply to people in rural areas.

The Ceramic Water Filter is simple in design, easy for families to use, and preforms exceptionally well. The filters remove bacteria including e-coli and vibrio-cholera as well as giardia, streptococcus, total coliforms and cryptosporidium.

With proper cleaning maintenance and monitoring this filter technology can provide potable water for families that draw their water from unreliable sources. (Springs, rivers, or wells)

Potters Without Borders

We are a new Canadian based NGO currently involved in appropriate ceramic technologies. Through our affiliation with Potters For Peace we are researching Ceramic Water Filter technology as part of a solution to waterborne disease.

We are committed to an open source philosophy, all our publications are available to any interested parties.

We provide support for field technicians responding to direct requests to develop filter manufacturing facilities overseas.

We are the Canadian part of an international non-profit network providing socially responsible assistance to pottery groups and individuals.

We offer technical training and consulting services and facilitate research, development, and commercial application of technology in the field of ceramics in developing countries.

Potters For Peace

Since 1998, Potters for Peace has been developing a low-tech, low-cost, colloidal silver-enhanced ceramic water filter. Field experience and clinical test results have shown this filter to effectively eliminate approximately 99.88% of most water-born disease agents. The filter has been cited by the United Nations' Appropriate Technology Handbook, and is used by the International Red Cross and the Nobel Prize winning medical relief organization Doctors Without Borders. The ultimate objective of the Ceramic Water Filter program is to help meet an urgent demand for safe water in rural and marginalized communities, while providing employment for local potters.

You Can Help!

Your membership provides the basis for our work

- $15 basic/student membership
- $25 contributing/family
- $50 sustaining
- $100 or above

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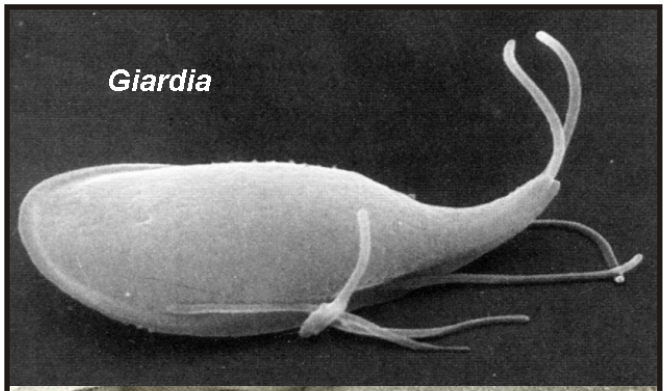
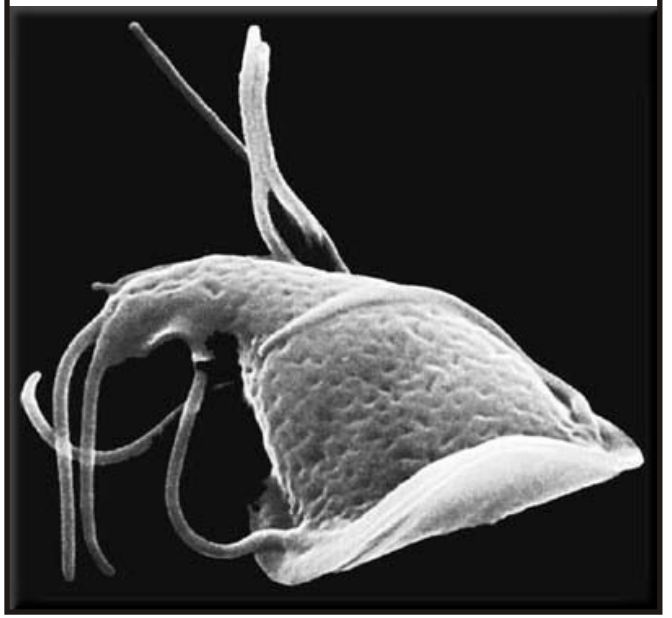
Electron Microscopy of Cryptosporidium parasites at surface of gut epithelial.