



CHANGE THE WORLD . . . WITH YOUR COMPUTER

CTEP Joins World Community Grid

The Community Technology Empowerment Project (CTEP) has become a partner of World Community Grid, joining the IBM Corporation and a group of more than 80 leading companies, associations, foundations and academic institutions.

Millions of personal computers sit idly on desks and in homes worldwide. During this idle time, the mysteries of science and space continue to elude us. What if each of the world's estimated 650 million PCs could be linked to focus on humanity's most pressing issues?



World Community Grid uses grid technology to establish a permanent, flexible infrastructure that provides researchers with a readily available pool of computational power that can be used to solve problems plaguing humanity. Grid technology joins together many individual computers, creating a large system with massive computational power that far exceeds the power of a few supercomputers. Importantly, World Community Grid is easy and safe to use.

To join, members, friends and business associates should go to www.worldcommunitygrid.org and simply download and install a free, small software program on their computers. When idle, your computers request data from World Community Grid's server. Computers then perform computations using this data, send the results back to the server and prompt it for a new piece of work.

"World Community Grid provides our busy members with an efficient and effective way to make a difference on problems that plague humanity," said Catherine Settanni, Executive Director. "We are asking our friends and business associates to join World Community Grid as part of our overall efforts to enrich the lives of our communities."

Over the last year, World Community Grid ran the Human Proteome Folding Project, which has been providing scientists with data on how individual proteins within the human body affect human health, enabling them to develop new cures for diseases like lyme disease, malaria and tuberculosis. Scientists now have descriptions of 120,000 protein domains that are critical to human well-being; without the benefit of this free grid technology, it would have taken 5 years to get these results, compared with just 12 months on World Community Grid.

On November 21, World Community Grid launched FightAIDS@Home. FightAIDS@Home, which is sponsored by The Scripps Research Institute, is using computational methods to identify new candidate drugs to block HIV protease, a key molecular structure that when blocked, stops the virus from maturing and thus is a way of avoiding the onset of AIDS and prolonging life. Possible future projects will address global humanitarian issues, such as new and existing infectious disease research; genomic and disease research; and natural disasters and hunger.

CTEP is asking that friends and business associates who join the effort become a member of the CTEP World Community Grid team. Please go to www.worldcommunitygrid.org.

<http://www.worldcommunitygrid.org/team/viewTeamInfo.do?teamId=4DRMH21ZP1>

CTEP's mission is to improve "technology literacy" within the many diverse, low-income, and new immigrant communities of Minneapolis and St. Paul, MN. The program provides support for AmeriCorps members to serve in existing public access media organizations, community technology centers (CTCs), and other non-profit agencies, helping build the capacity of those organizations to better meet the needs of low income and new immigrant communities.