IBM

World Community Grid
Technology solving problems
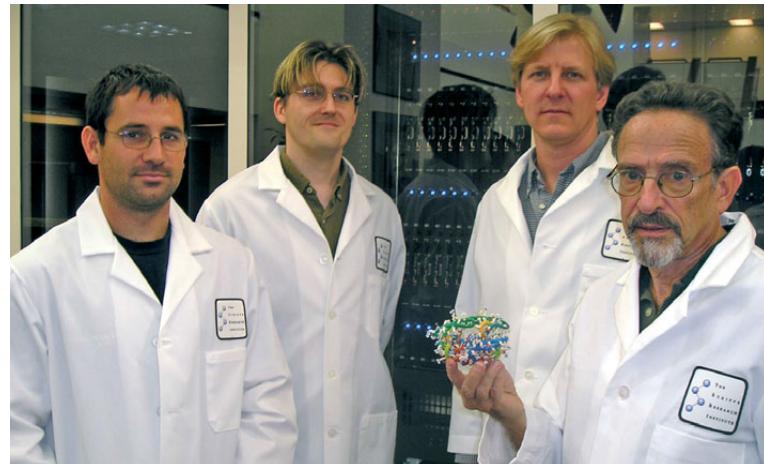
Members of the Scripps Research Institute team, collaborating on the FightAIDS@Home project, display a three-dimensional molecular model.

"World Community Grid has enabled my lab at Scripps to engage in critical computational research to design new anti-HIV dr ugs based on molecular stucture. This is work that we would not have attempted in the absence of this powerful public computing grid. World Community Grid has allowed us to complete very complex research studies in six months that would have taken five years."

—Professor Arthur Olson, Department of Molecular Biology The Scripps Research Institute

World Community Grid has helped to significantly reduce the research time needed for critical humanitarian causes such as finding an alternative form of clean energy, fighting diseases such as HIV/AIDS, cancer and influenza, finding a more nutritious rice grain, confronting the adverse effects of climate and many more. Learn about ongoing and completed research at:
http://www.worldcommunitygrid.org

World Community Grid is built on the belief that technological innovation combined with visionary scientific research and large-scale volunteerism can help make the planet smarter.

Years of Research—completed in weeks or months
Grid computing joins together many individual computers, creating a large system with massive computational power that far surpasses the power of several supercomputers. Because the work is split into small pieces that can be processed simultaneously,

A Smarter Solution: World Community Grid:

- Harnesses the power of hundreds of thousands of volunteers computers

- Senses and makes productive use of idle computer time

- Enables new approaches to leading-edge scientific research, turning 300 GB of data per day into scientific insight

- Developing smarter solutions to global challenges through maximizing research project results

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research time is reduced from years to months, or even days. Over 300,000 years of computer run time have been contributed by volunteers toward vital humanitarian research.

"World Community Grid made it possible for us to analyze in one day the number of specimens that would take approximately 130 years to complete using a traditional computer," said Dr. David J. Foran, professor and lead researcher at The Cancer Institute of New Jersey, UMDNJ-Robert Wood Johnson Medical School, and principal investigator for the Help Defeat Cancer project on World Community Grid.

Join today!

Besides individuals who contribute the unused cycle time of their computers, other leaders in corporate, not-for-profit and academic communities are teaming with World Community Grid and encouraging their employees, members, students and faculty to participate. To volunteer your computer, visit **http://www.worldcommunitygrid.org/**

In addition, World Community Grid participates on Facebook and Twitter.

World Community Grid is always looking to identify and add more projects and therefore invites public, and not-for-profit, organizations to apply to use this powerful grid technology at no cost for projects that benefit humanity. Additional information regarding submitting a research project is available at: **www.worldcommunitygrid.org**

For More Information

For more information on IBM's World Community Grid, visit: **ibm.com/ibm/ibmgives** or call 914-499-1900

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