

World Community Grid

The World Community Grid (WCG) allows volunteers to donate the unused processing power of their personal computers, laptops, and mobile devices to help solve scientific problems. The problems are modelled mathematically, then small pieces of the larger problem are distributed to registered computing devices around the world. Once the small piece has been processed, it is returned and combined with results from other devices to help provide answers to the research teams. The current projects being processed re:

- OpenPandemics – COVID-19
- Africa Rainfall Project
- Microbiome Immunity Project
- Smash Childhood Cancer
- Help Stop TB
- Mapping Cancer Markers

I joined the WCG November 19, 2004. Since that time, I have had from one to four computers donating time to these various projects 7 days a week, 24 hours a day. Due to the multiple processors on today's computers, I have donated more than 71 years, 260 days to helping 31 research projects.

Running WCG on my computers at home and those at work have not had any adverse affects. WCG runs at a low priority, so it gives up processing power when I start using the computer. Options can also be set to only use a specified percentage of a computer's capacity. All it costs me is the electricity to leave the machines running all day, every day.

Besides being an individual member, you can choose to join a team. There is even a Knights of Columbus team with 8 members. Let's spread the word and grow this group. This is one more way to help others and continue the mission of the Knights of Columbus and the vision of Venerable Servant of God Fr. Michael J. McGivney.

Here is a link to sign up and join the Knights of Columbus group: <https://join.worldcommunitygrid.org?teamId=W1F2RZ8B1R1>

If you are already a member of the WCG, click on this link to join the Knights of Columbus group: <https://www.worldcommunitygrid.org/team/viewTeamInfo.do?teamId=W1F2RZ8B1R1>

Here is a link to learn more: <https://www.worldcommunitygrid.org/>