



**AMROCTampaBay.com/FFCDI.org – Consolidated for COVID in Tampa Bay**

## *Calling All Owners of 3D Printers*

Whether you have one printer or three or a dozen, you can help with COVID-19 relief efforts in Tampa Bay! If you have classroom 3D printers, printers in your home, office, art studio, or garage, you can help with the production of protective face shields for healthcare workers and others on the front lines of COVID-19 related work.

### MRG 3D: Tampa Ready

AMRoC Fab Lab is collaborating MRG 3D, a high-volume volunteer effort to supply thousands of face shields to hospital systems that have requested them.

To maximize output, we're helping mobilize as many remote 3D printers as possible. This is a great way to help from home, with a meaningful and truly useful project.

The shield is *face-shield-A4-v3-R1*, an open source file. For quality control, MRG 3D requests that you please print using ABS filament. If you can't, please mark finished products as such, so medical professionals know (for sterilization purposes).

Completed shields should be stored in a sealed bag and can be dropped off at AMRoC Fab Lab on Tuesdays and Thursdays, between 1pm and 6pm.

### What You Need to Volunteer

- A 3D printer with a decent sized bed – although we have smaller print files for smaller beds, if needed,
- Basic working knowledge of using your printer,
- ABS filament preferably – using a 5% infill which seems to work fine in ABS. PLA filament may require a higher infill . Please mark PLA prints as such, if using that type of filament
- Sanitation supplies for keeping your print area clean and working in a clean environment, using a mask and gloves.

### How to Register to Volunteer

To volunteer, you can go to [www.facebook.com/groups/MRG3D](https://www.facebook.com/groups/MRG3D) and comment on the “External Printer” thread, and you’ll be contacted with further instructions, or you can just write directly to Terri Willingham at [Terri@ffcdi.org](mailto:Terri@ffcdi.org)

If you are outside of the Tampa area and would like to help with 3D printing needs in your community, please visit Print the Curve Flat (<https://www.facebook.com/groups/906708149774352/>) to support printing needs closer to home. Thank you!

**AMRoC Note: All volunteers, remote or inhouse, who are working on this project must follow AMRoC health and safety protocols which will be provided to all volunteers. If you are sick, DO NOT work on this project. Thank you.**

