

Good design: Fighting COVID-19 with distributed manufacturing



Abstract

COVID-19 has caused a flurry of innovation in the medical 3D printing space, with hobbyists and experts from around the world chipping in with designs for masks, surgical mask tie-backs, swabs and more. This session will focus on the qualities that make one 3D printed design better than another, the importance of making designs modular and open to editing and perhaps most importantly, how to factor in supply chain disruptions and navigate around them to get finished objects to where they need to go.

Jordan Elevons

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Biography

Jordan Elevons is a 3D Design Engineer, with a BFA in Industrial Design. He has taught 3d printing and design to the public for over five years, both locally and internationally. Throughout his career, he has worked on a variety of design projects, from automotive to aerospace. He uses a unique blend of software to accelerate innovation in both the physical and digital worlds. In the medical space, he has explored techniques for developing implants using game art tools, new 3d segmentation techniques and is currently developing a low cost, 3d printed prosthetic toolchain for manufacturing in underserved areas. Recently he has been developing designs and distribution methods for fighting the COVID-19 virus.

[Annual Summit on Biomaterials and Tissues](#) | Webinar | June 08, 2020

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