



The Makerspace and Entrepreneur Center

COVID-19

CORONAVIRUS DISEASE 2019

Response

Harper College Board of Trustees 6/17/2020

The background is a blue gradient. In the corners, there are white line-art illustrations of circuit boards or neural networks, with lines and small circles representing nodes.

The world shut down in March of 2020...
CRISIS! CONFUSION! CHAOS!



Hospitals were overwhelmed

Demand for Personal Protection Equipment spiked

Supply chains were overwhelmed

... and the *Maker Community* responded





HOW DID WE GET STARTED?

District 214 CTE teachers started a project make face shields, but they didn't know how to make the clear plastic visors.



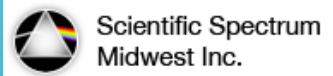


Superintendent Dr. Schuler reached out to Dr. Proctor



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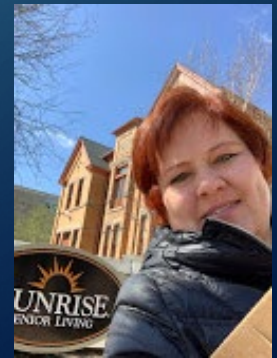
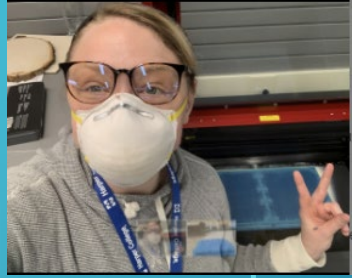
How do I make 4,000 to 8,000 visors quickly?

Overcome the limitations of our equipment & material shortages

PARTNERS AND VOLUNTEERS

- High School District 214 
- Triangle Dies 
- Scientific Spectrum Sales 
- John Kurman, Harper instructor
- The Make Shop at Harper College 
- Prof. Chris Athanassopoulos, Engineering
- Prof. Marie Farber-Lapidus, Business
- Blick Art Materials, Schaumburg 

- Golden Corridor Makerspace 
- Elk Grove Public Library
- John-Luc Pec, Engineering Student
- Prof. Julie Ellefson-Kuehn, Chemistry
- Chris Bruce, Conant HS Science Teacher
- Proto Standard 3D 
- M. Smith, St. Viator Student



WHAT IS PPE?

Personal Protection Equipment

We are making...

- Ear Savers
- Fabric Face Masks
- Face Shields



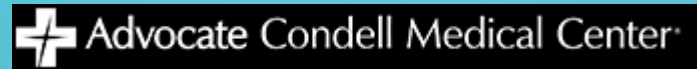
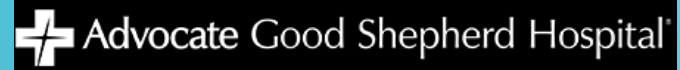
FACE SHIELDS



FACE SHIELDS

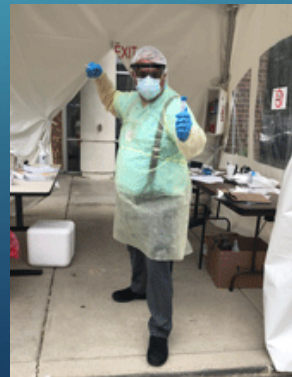


WHO ARE WE HELPING?



AND MORE THROUGH OUR PARTNERS

- Buffalo Grove Fire & Police
 - Rolling Meadows Fire & Police
 - Wheeling Fire
 - Woodstock Fire
 - Roselle Fire
 - St. Joseph's Home for the Elderly
 - Loyola University Medical Center
 - Central Dupage Hospital
 - Mt. Prospect Fire
- And more...



PPE PROJECT STATUS

Harper College

1,600 Face Shields → ~2,500

Harper Internal Departments → 970 Face Shields

HCPD, Facilities, Nursing, Dental Hygiene, Radiology

D214 Partnership

7,000 visors cut → 8,000

WHAT'S NEXT?

Crisis Mode → Leveraging Partnerships

Illinois PPE Alliance (Depaul)

Northwest Hub, Partners, Collaboration

Shift to blended & online. Continue to support social causes.

New Projects





Chicago Tribune

Daily Herald
Suburban Chicago's Information Source



JOURNAL & TOPICS
Journal & Topics Media Group | Serving Chicago's Great Northwest Suburbs
Tuesday, June 16, 2020



THANK YOU!