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FOR IMMEDIATE RELEASE

**CapStone Technologies Uses 3D Printers to Create PPE Face Shields for
Community Health Care Providers**

**In the face of the COVID-19 outbreak, area health care facilities have experienced a
dramatic increase in demand for face shields.**

Lincoln, Neb., April 2, 2020 – As a leader in the print-to-mail industry, CapStone Technologies has an affinity for cutting-edge mail solutions. Their response to the challenging times presented by the COVID-19 pandemic has been to take those solutions and apply them to producing personal protective equipment (PPE) face shields for area health care workers. As part of a collaborative effort with other local companies and individuals, CapStone has dedicated the output of two 3D printers to assist with efforts.

In alliance with UNL’s Nebraska Innovation Studio, CapStone began using two 3D printers, Fused Deposition Modeling (FDM) and Stereolithography (SLA) machines, to produce parts for PPE face shields.

According to CapStone’s Manager of CAD Services Jeff Heimgartner, “FDM 3D printers create parts by depositing melted material, such as PLA plastic, layer by layer until the part is complete, while SLA 3D printers use liquid resin that is cured by a highly-precise laser to form each layer. While slower, the SLA printer can achieve much finer details and is more reliable to repeatedly achieve high-quality results.”

The team at UNL’s Nebraska Innovation Studio spearheaded the effort in collaboration with individuals and area businesses that have 3D printing capabilities. Since it began, the collaborative effort has grown to include more than 60 local individuals and companies. The team has been working closely with Bryan Hospital to provide them with much-needed PPE parts.

“We are grateful to deploy our resources in collaboration with UNL’s Nebraska Innovation Studio and several others in our community to address an urgent need for area hospitals and medical professionals,” said CapStone Co-Founder Troy Power.

About CapStone Technologies, LLC

CapStone Technologies provides automation services and business engineering to the print-to-mail industry with state-of-the-art robotic technology, advanced innovation, and proven process engineering to create efficiencies and save labor. Its one-of-a-kind software solution connects the physical and digital workflows on the production floor to provide virtual visibility of performance while reducing errors to protect USPS discounts. For more information, visit the media center at www.captechno.com/resources.

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