

**QUESTION:** If you could *imagine* a machine that allows for customization of physical material properties (rigid, flexible, magnetic, etc), even different materials 3D printed at the same time in the same piece, **what would you make?**

Place a question or comment in the document.

Leave your email if you would like to be contacted for future participation in our project. Your contribution will be anonymous otherwise.

I would have it switch between printing a substrate of strong, non-precious materials to an interlocked skin of precious material; to reduce the amount of metal required without giving up strength.

If we are really going for pie-in-the-sky, I would love to see a machine (this may already exist) that responds to an irregular printing substrate in real time - printing a ring around a stone. Printing a handle onto a teapot. Printing a hinged cuff onto an arm. Very custom jewelry. Sensitively included appendages. [ana.lopez@unt.edu](mailto:ana.lopez@unt.edu)