

This casting process can fabricate molds that can be used in

- ▶ rapid prototyping;
- ▶ composite structural materials;
- ▶ complex energy storage devices; and,
- ▶ microfluidics.

Some of the materials that can be produced or grown in these molds include biological materials (i.e. cells, tissues), organic materials (i.e. polymers, chemotherapeutics), and inorganic materials (i.e. structural ceramics, catalysts, semiconductors).

INVENTIONS BY DAVID KISAILUS

See all of [Prof. David Kisailus inventions at UCR](#)

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