

## 3D Heart Modeling

YEAR FUNDED	AMOUNT FUNDED
2012	\$75,000

This 3D modeling software and printer creates patient-specific heart prototypes, allowing surgeons to examine and plan their procedures prior to operating.

Luke and a replica of his heart



## 3D Printed Cardiac Library

YEAR FUNDED	AMOUNT FUNDED
2014	\$59,000

Two cardiac libraries were created with the updated 3D modeling software and printing materials. The family-centered heart library provides patient-derived heart models to assist in education and coping, while the medical education library is used to disseminate knowledge to medical students and educational programs.

The 3D model created to replicate Luke's (above) heart

