

Tulane University

# Inventions take shape with Tulane assistance

April 07, 2017 12:45 PM

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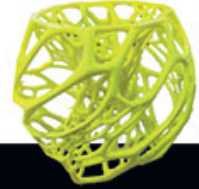
Editor's note: This infographic designed by Marian Herbert-Bruno originally appeared in the March 2017 issue of *Tulane* magazine. [Click here](#) to open the PDF version.

## In That Number Tech Transfer & Intellectual Property

The Office of Technology Transfer & Intellectual Property Development at Tulane serves as a pipeline between faculty and student innovations and the marketplace. Director John Christie (B '03) heads the office, which consists of three licensing professionals who work closely with researchers to develop patentable prototypes suitable for commercial distribution. To help cultivate inventions, the office helped initiate MakerSpace at Tulane (see the Gallery, on page 11) and the Novel Tech Challenge, a competition for students.

# 8

### 3-D printers



CREATED BY RYAN FIGUEROA

MakerSpace offers eight 3-D printers.



RISEK CREDITED BY ALEXISER SAJJADI

# 4,100

MakerSpace is a 4,100-square-foot student-run workshop on the uptown campus. It has laser cutters, 3-D printers and other design tools and is open to the Tulane community.



SALLY ALBRIE

"Maker Ninjas"—18 trained student workers—are in charge of MakerSpace, helping their peers use equipment in the workshop.

# 12 ©

In 2016, 12 licenses for Tulane technology and intellectual property were executed.

# 15 minutes

In 15 minutes, a device developed by a Tulane researcher can detect an Ebola virus infection. (Lab-based diagnostics for the virus formerly took four hours.) The Office of Technology Transfer and Intellectual Property Development facilitated Food and Drug Administration and World Health Organization approval for the device.



STOCKPHOTO BY MARIAN REBERT BRUND AND ALICIA BOPP LESSEZ JASMIN

Since 2012, Tulane has received \$6,970,933 in federal research support to develop prototypes for inventions.

# \$6,970,933