

## **Inventions take shape with Tulane assistance**

April 07, 2017 12:45 PM Alicia Jasmin  
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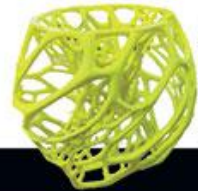
Editor's note: This infographic designed by Marian Herbert-Bruno originally appeared in the March 2017 issue of *Tulane* magazine. [Click here](#) to open the PDF version.

## 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 FISCHER

MakerSpace offers **eight 3-D printers**.


ILLUSTRATION BY ASHLEY SALDAS

# 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.


TALIT ASHER

# 18

"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.


PHOTOGRAPH BY MARIA WILHELM BRUNO AND ALICIA SORRELLS SALMON

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

# \$6,970,933