

Creating a Culture of Innovation



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Chief Executive Officer

December 9, 2020

AUTM's Mission

To support and
advance technology
transfer globally



Allegra - Georgetown University



FluMist - St. Louis SOM & Univ. of Michigan



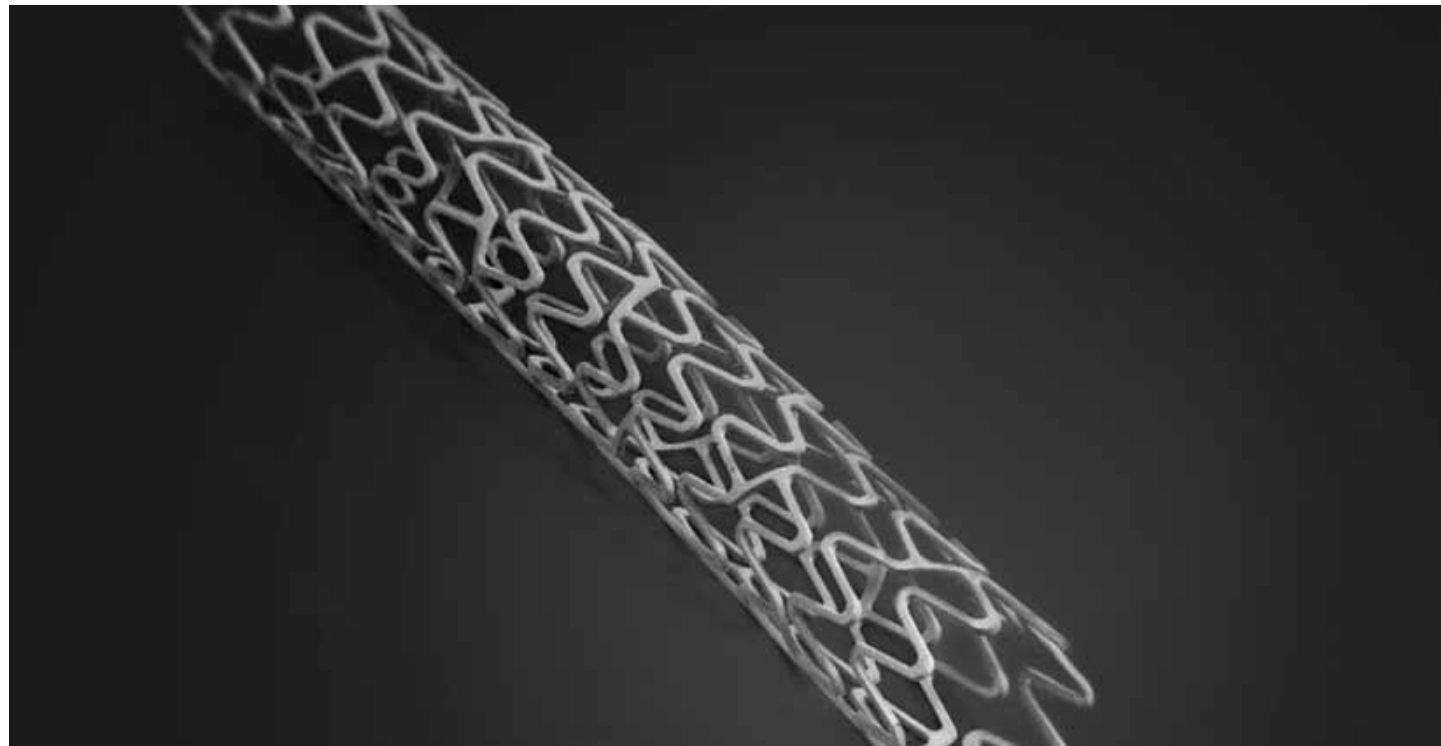
Nicotine Patch - UCLA



Siri - DARPA



Coronary Stents – National Energy Technology Laboratory

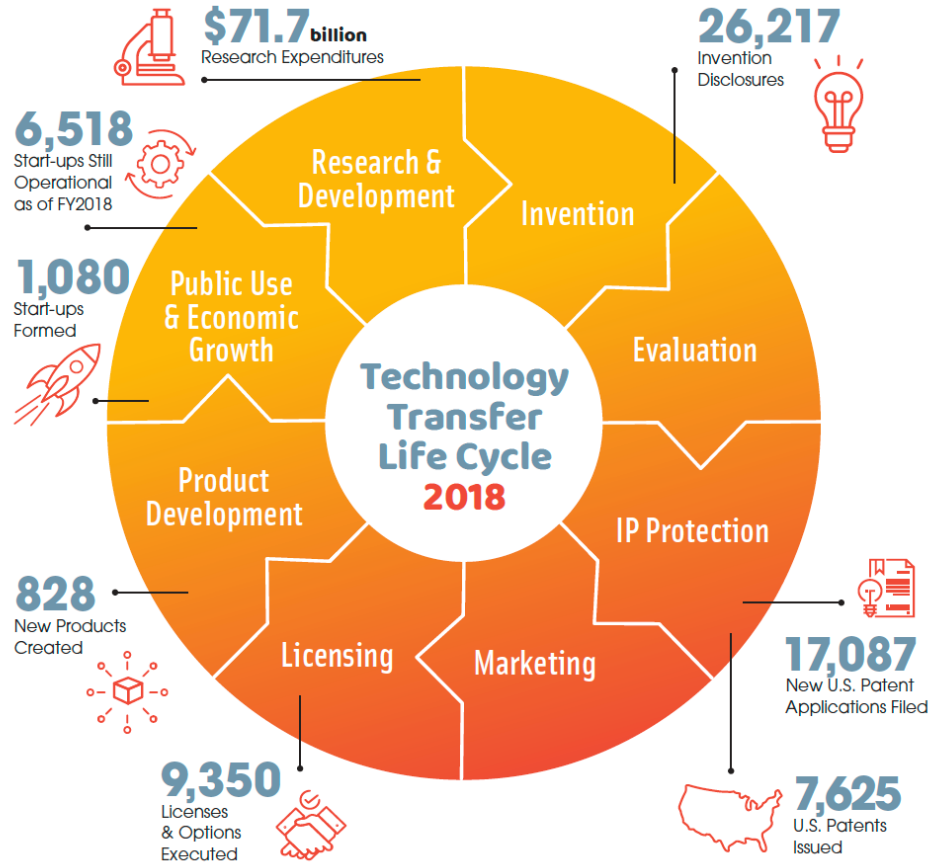


Why is Technology Transfer Important?

- Societal benefit
- Fulfills Agency/lab mission objectives
- Economic development
 - New companies
 - Job opportunities
- Develops future alliances with industry
- Culmination of research

Benefiting Society and the Economy

Technology Transfer For 2018



Every year early-stage research yields discoveries with vast commercial potential.

Driving the Innovation Economy

Technology Transfer In Numbers

From 1996 to 2017, up to...

\$1.7 trillion

contributed to
U.S. gross
industrial
output



\$865 billion

contributed to
U.S. gross
domestic
product



5.9 million

jobs supported



420,000+

inventions disclosed...

100,000+

U.S. patents issued...



to research institutions since 1996

13,000+

start ups formed



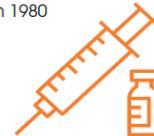
67%

of university
licenses are to
start-ups and
small companies



200+

drugs and vaccines
developed through
public-private partnerships
since Bayh-Dole Act
enacted in 1980



Infuse a Culture of Innovation

“Bottom-Up” Strategies

- Technology Transfer Internship Opportunities
- Seminar Series
- Course Development (w/ local universities)
- Networking Opportunities

“Top-Down” Strategies

- Technology Transfer Presentations
- “Invite only” IP Commercialization Course
- Prototype Development
- Innovation Policy Implementation
- Celebrate Successes!



Cultivate Local Soil

Focus on the economic “soil” in your region

- Alternative energy
- Medical devices
- Software

Assess capabilities, talents, and strengths

Reach out to Universities in the area



Coordination

Innovation ecosystems requires close coordination

- Government
- Higher Education
- Entrepreneurial Community
- Workforce Development
- Infrastructure



Collocate

Provide Resources

- Learning Spaces
- Maker Spaces

Create a Density of Connections

Increase Intellectual Collisions

Engage the Community



Federal Laboratory Consortium for Technology Transfer (FLC)



300

FEDERAL
LABS





14


FEDERAL
AGENCIES


WHAT IS THE FLC?

A consortium of 300+ federal laboratories and 14 federal agencies. Formally chartered by the Federal Technology Transfer Act of 1986 (15 USC §3710(e)(6)).

FLC Business (FederalLabs.org)

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Summary

- Technology Transfer has multiple positive outcomes
- The university/non-profit community is a partner
- Cultivating, coordinating and collocating will enhance your mission
- Other resources available to support you include:
 - FLC (www.FederalLabs.org)
 - AUTM (www.autm.net)



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