



National Aeronautics and Space Administration



**NASA TECHNOLOGY  
TRANSFER PROGRAM**

BRINGING NASA TECHNOLOGY DOWN TO EARTH

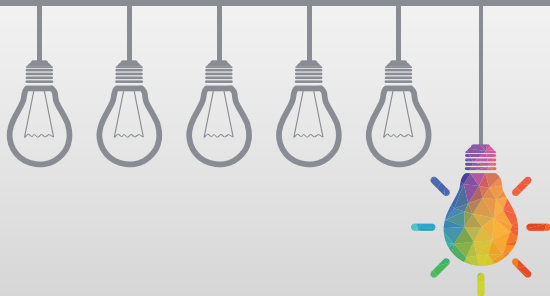
# NASA Technology Transfer Overview

## SATTO Members

**Dan Lockney**  
Technology Transfer Program Executive

# Progress and Improvements

## NASA Patent Portfolio



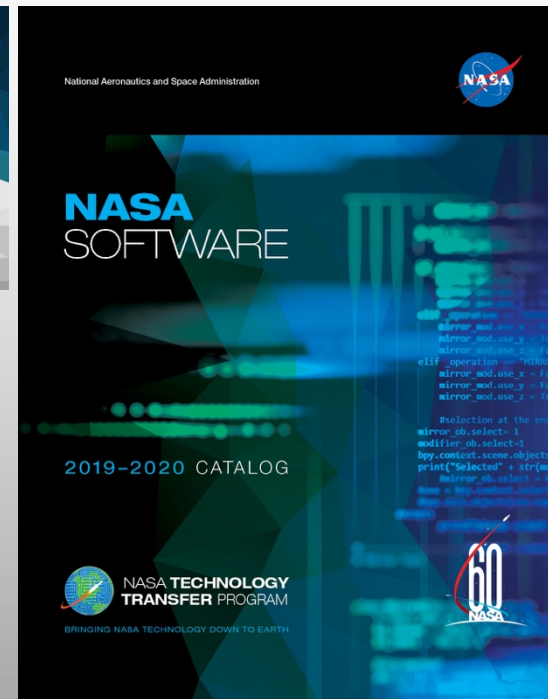
Automated Technology Licensing Application System



Remote  
Sensing  
Toolkit

NASA satellite data.  
NASA tools to analyze it.  
NASA software  
to build your own.

All in one place. All available to you.



## e-NTR

New Technology Reporting System



Want a faster, easier way to submit NTRs?

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# Transferring Tech to NBA / NFL Athletes



- NASA's Goddard Space Flight Center and professional athletes are teaming up to commercialize and license NASA technologies.
- In 2018, Goddard signed Space Act Agreements with two professional athletic associations: the National Basketball Retired Players Association and the National Football League Players Association.
- With their high-energy drive, interest in technology, and robust network of connections, current and retired professional athletes have great potential as entrepreneurs in technology-related industries.
- During 2018, former Baltimore Ravens player Femi Ayanbadejo signed an agreement with Goddard's Technology Transfer Office to license a Goddard formula that generates more accurate calculations of body mass index (BMI).

**FedTech builds startups around breakthrough technology, including NASA tech.**

**This year, five NASA teams participated:**

- **Corrected BMI (GSFC)**
- **Coherent Optical Transistor (GSFC)**
- **System and Method of Optical Axis Alignment, Monitor, and Feedback (GSFC)**
- **Software Defined Wireless Avionics Gateway (AFRC)**
- **NASA Platform for Autonomous Systems (SSC)**

# NASA Technology Transfer University



Now in its 5th year, T2U teaches business students about NASA's technology portfolio, allowing them to work with agency technology and inventors to discover new uses for the innovations in commercial applications.



- The students benefit from the interaction with real inventors, real technologies, and all-around real-world experience
- Student teams may form start-up companies, licensing NASA technologies
- NASA teaches thousands of potential entrepreneurs about the availability of taxpayer-funded technologies across the federal government



# Remote Sensing Toolkit Release Success



- The new Remote Sensing Toolkit was announced to the public July 18, 2018.
- The media push included a YouTube video, Tumblr post, press release, and tweets from multiple agency accounts.
- Two follow-up tutorial webinars were held in September.
- Performance.gov posted an article on RST calling it “an example of how a better approach to government data can help drive more effective government and help grow innovation and the economy.”
- <https://www.performance.gov/2018-08-02-nasa-satellite-data.md/>



**NASA satellite data.  
NASA tools to analyze it.  
NASA software  
to build your own.**

**All in one place. All available to you.**

- **Video: Over 80k views across platforms**
- **Tumblr: 1.4k notes**
- **Tweets, collectively: 460 retweets; 1.7k likes**
- **LinkedIn: 10k organic impressions**
- **Webinars: Over 500 participants**



# Inventors Hall of Fame



- In an effort to honor the agency's most prolific inventors, we are finishing work on a new page to the portal.
- This will also serve as an incentive to disclose inventions.
- The Inventors Hall of Fame will feature 24 NASA civil servant inventors who have disclosed 20+ patented technologies.
- Website release is planned for early Spring 2019.

# 2019-2020 Software Catalog

- A new Software Catalog will be released in March 2019.
- This new edition includes even more NASA software available for free to the public.
- A multiple-platform social media and public announcement plan is currently in development.
- New content will be created for NASA's Twitter, Facebook, Tumblr, and YouTube accounts as well as a press release on NASA.gov.
- The first media push for the previous software catalog was highly-successful, significantly boosting software requests.

