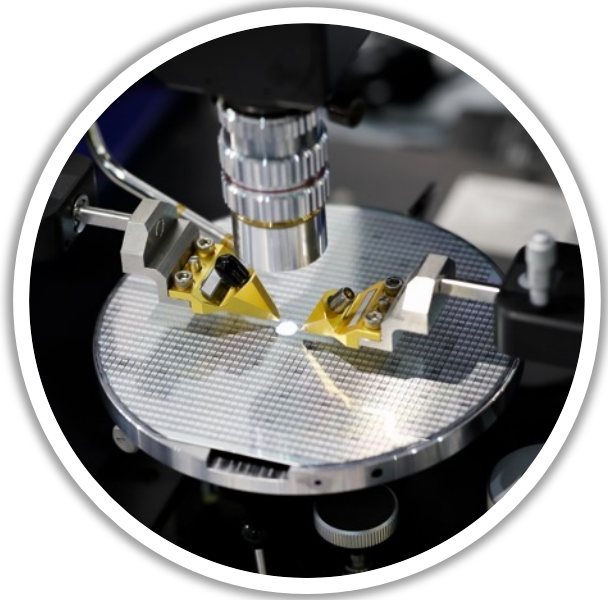


# A Changing Science and Engineering Enterprise Can Meet This Moment



Pace of discovery accelerated by data, emerging technologies



Demand for societal and economic impact



Opportunity to leverage partnerships



**TIP** Technology, Innovation and Partnerships

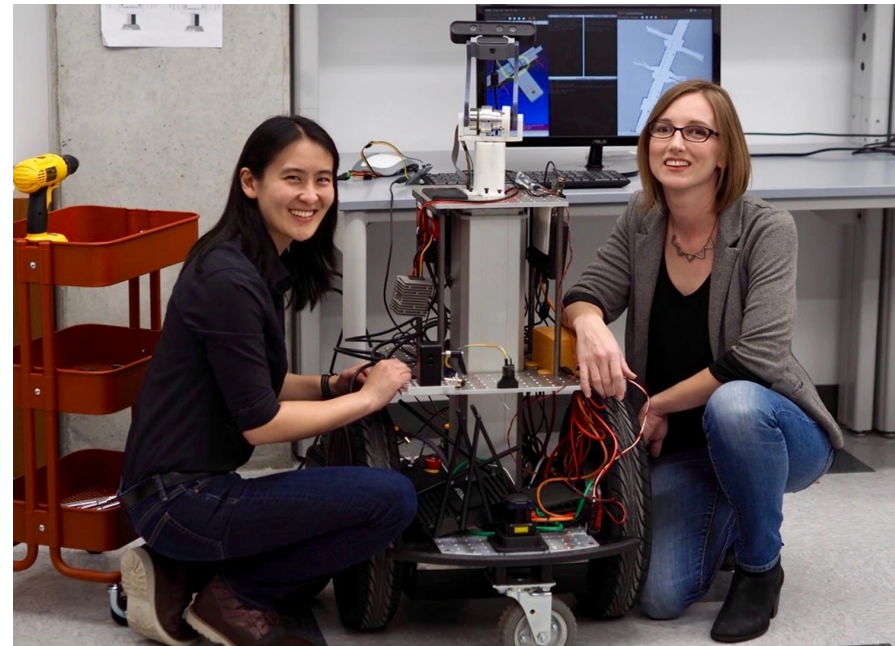
# TIP Focuses & Cross-Cutting Platform

TIP integrates with NSF's existing directorates and fosters partnerships—with government, industry, nonprofits, civil society and communities of practice—to leverage, energize and rapidly bring to society use-inspired research and innovation.

<b>Fostering Innovation Ecosystems</b>	<b>Establishing Translation Pathways</b>	<b>Partnering to Engage the Nation's Diverse Talent</b>
Nurtures regional and national innovation and technology ecosystems to support researchers and innovators to converge, develop and accelerate use-inspired research for societal impact.	Supports startups through a lab-to-market platform and establishes new pathways for translating research results for society.	Advances and deepens high-impact, public and private partnerships across all areas of science, engineering and education to cultivate innovation ecosystems, create technology solutions, and support future STEM leaders.

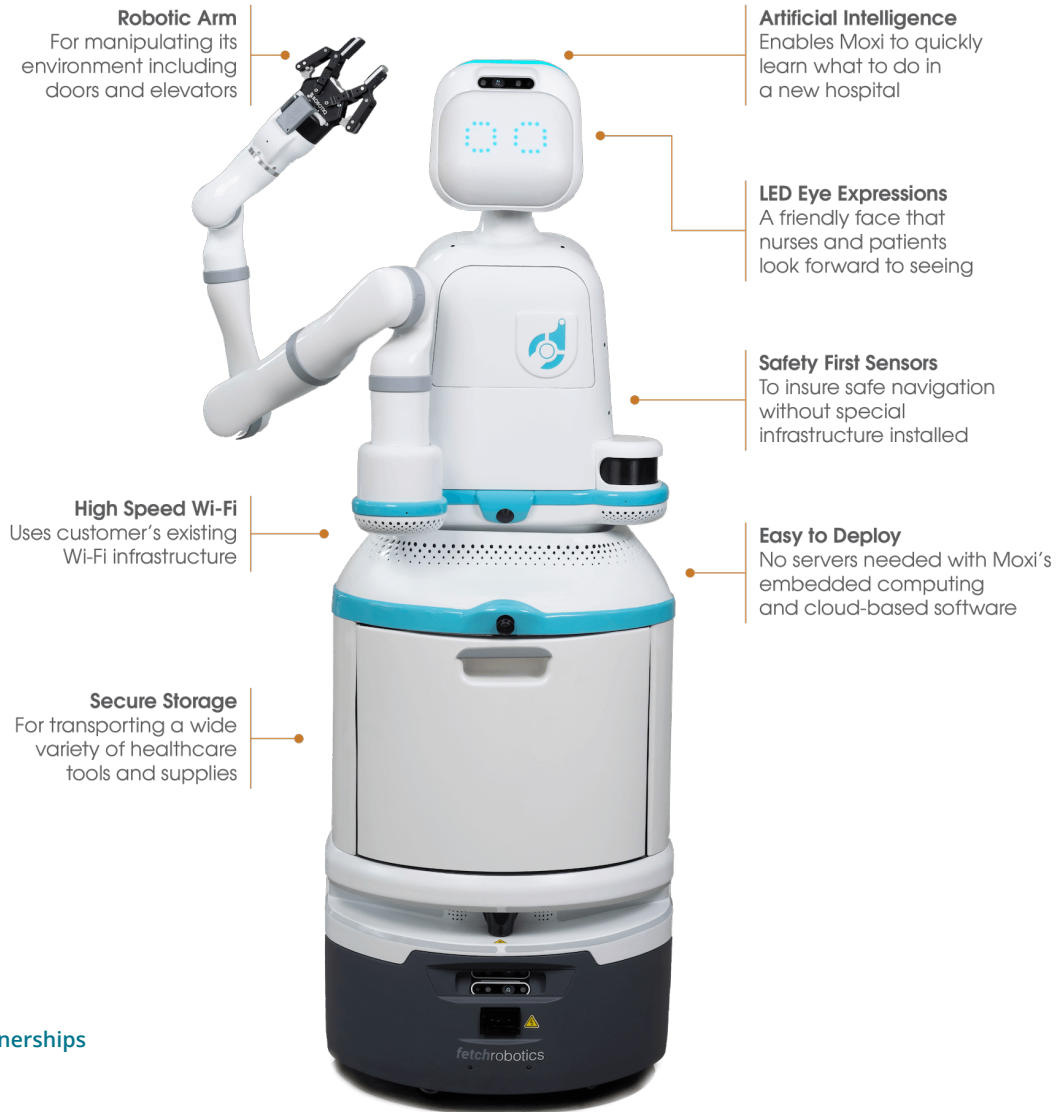


# NSF: Making an Impact



**TIP** Technology, Innovation and Partnerships

# SBIR: Developing healthcare service robots to improve hospital workflow





# SBIR Mobile Manipulation Hospital Service Robots

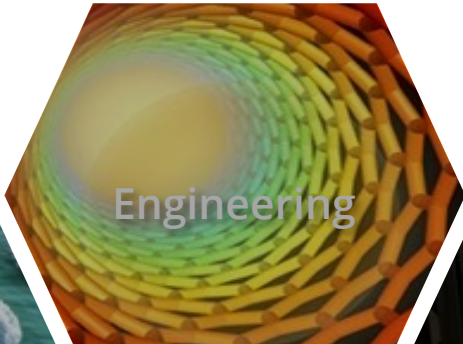


**TIP** Technology, Innovation and Partnerships



# TIP Summarized

- Use-inspired, challenge-driven, convergent research
- Innovation and technology translation
- Leveraging the virtuous cycle of foundational and use-inspired research
- Long-term, large scale
- Public-private partnerships
- Education, workforce, diversity



Engineering



Geosciences  
(including Polar Programs)



Social, Behavioral &  
Economic Sciences

## DIRECTORATE FOR TECHNOLOGY, INNOVATION AND PARTNERSHIPS (TIP)



Mathematical &  
Physical Sciences



Integrative  
Activities



International  
Science &  
Engineering



**TIP** Technology, Innovation and Partnerships



**TIP** Technology,  
Innovation and  
Partnerships

Contact TIP:  
[tip@nsf.gov](mailto:tip@nsf.gov)