

Accelerating Discovery from Lab to Market Together

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A Founding Father on Technological Innovation

“A full view having now been taken of the inducements to the promotion of manufactures in the United States...It will be of use to advert to...**the encouragement of new inventions and discoveries at home**, and of the introduction into the United States... particularly, those which relate to machinery.”

- Alexander Hamilton, in *Report on Manufactures*
December 5, 1791



Priorities for The White House Office of Science and Technology Policy (OSTP)

The mission of OSTP is to ensure America is the world leader in science and technology. To that end, our work focuses on:

- **Unleashing Discovery and Innovation**
- **Building the Workforce of the Future**
- **Advancing America's Global S&T Leadership**



Interagency Coordination via the National Science and Technology Council (NSTC)



Lab-to-Market Cross-Agency Priority (CAP) Goal

Improve Transfer of Federally-Funded Technologies from Lab-to-Market



Walter Copan

Under Secretary of Commerce for Standards and Technology
Director, National Institute of Standards and Technology



Michael Kratsios

Deputy Assistant to the President for Technology Policy
White House Office of Science and Technology Policy

https://www.performance.gov/CAP/CAP_goal_14.html

Participating Agencies



National Science and Technology Council Lab-to-Market Subcommittee

Interagency Contributors

Federal Laboratory Consortium for Technology Transfer

Interagency Working Group for Technology Transfer

Interagency Working Group for Bayh-Dole

Small Business Innovation Research (SBIR) Program Managers Working Group

Interagency I-Corps Community of Practice

Goals

- Improve the transition of federally funded innovations from the laboratory to the marketplace by **reducing the administrative and regulatory burdens** for technology transfer and **increasing private sector investment** in later-stage R&D;
- Develop and implement more **effective partnering** models and technology transfer mechanisms for Federal agencies; and
- Enhance the effectiveness of technology transfer by improving the methods for **evaluating the ROI and economic and national security impacts** of federally funded R&D, and using that information to focus efforts on approaches proven to work.



Strategies



Identify regulatory impediments and administrative improvements in Federal technology transfer policies and practices



Increase engagement with private sector technology development experts and investors



Build a more entrepreneurial R&D workforce



Support innovative tools and services for technology transfer



Improve understanding of global science and technology trends and benchmarks

Action Plan

- Inputs
 - Interagency strategy team recommendations (Fall '18/Winter '19)
 - NIST ROI Green Paper
- What's Next?
 - Prioritized activities for interagency action
 - June 2019 CAP Goal Update on Performance.gov
 - Implementation via NSTC, interagency bodies, and **you**



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How might we achieve these goals together?

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