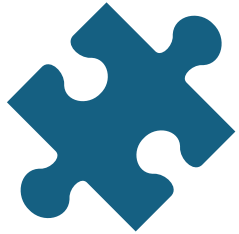


Overarching Points

- No consensus theory
- Research for public purposes
- No “golden age”

Key Questions



What problem are you
trying to solve?



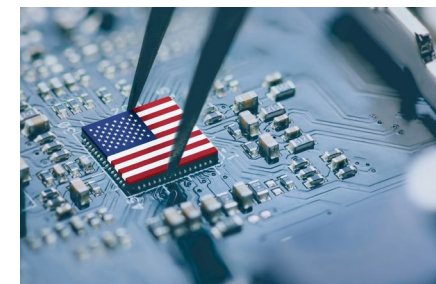
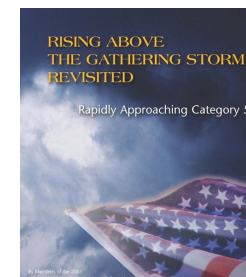
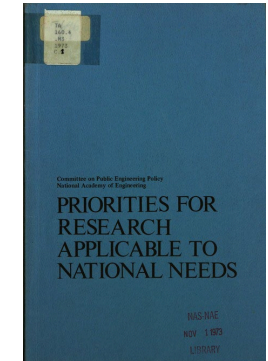
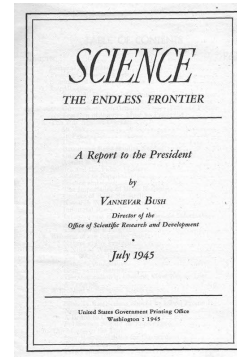
What tool is appropriate?
Does it already exist?






How will you know if
you've succeeded?

Key Moments in Federal Science Policy

- 1940s – V. Bush, “Science: The Endless Frontier”
- 1950s – Sputnik
- 1970s – RANN
- 1980s – Japan
- 1990s – NIH doubling
- 2000s – Rising Above the Gathering Storm
- 2020s – CHIPS and Science

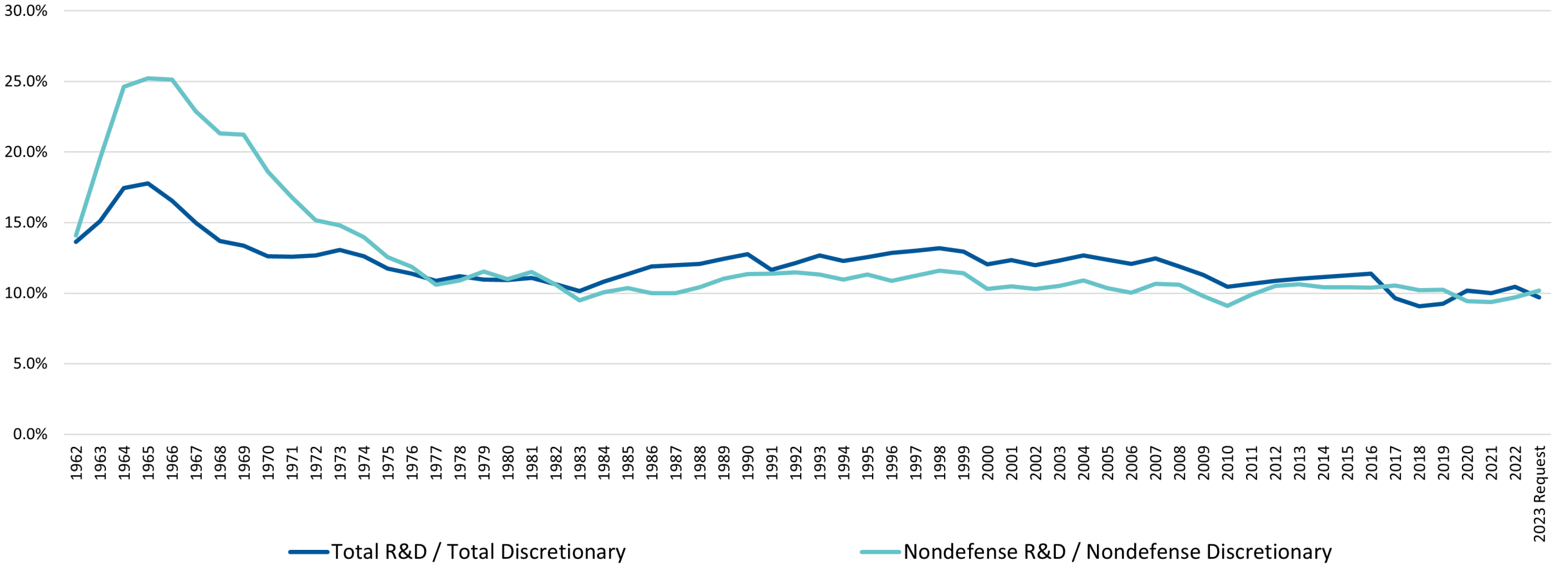


Pasteur's Quadrant: Use-Inspired Basic Research

		Considerations of use?	
		No	Yes
Quest for fundamental understanding?	Yes	 Pure Basic Research	 Use-Inspired Basic Research
	No	-	 Pure Applied Research

R&D Follows Total Discretionary Spending Levels

R&D as a Percent of Discretionary Spending
percentage of outlays, 1962-2023

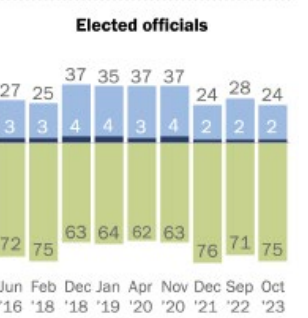
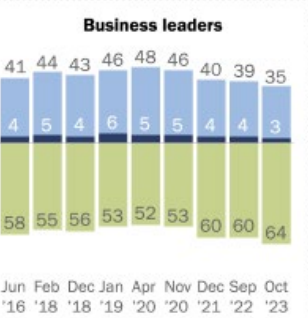
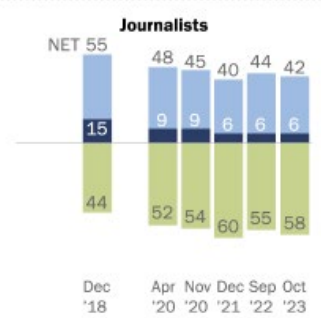
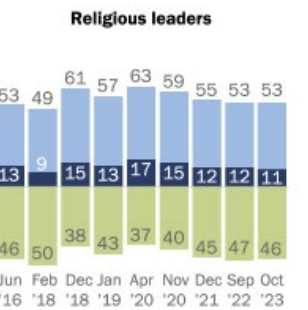
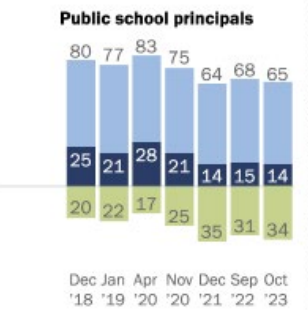
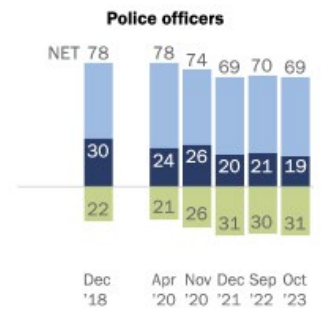
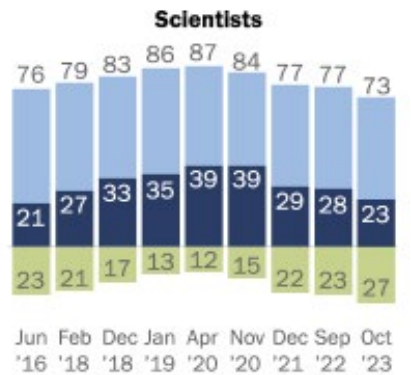
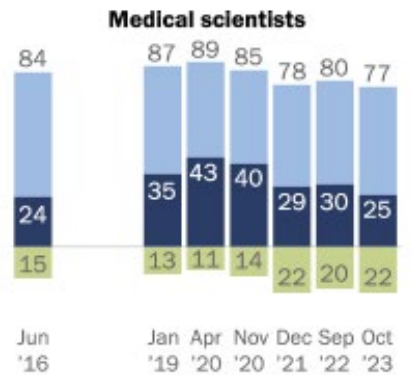
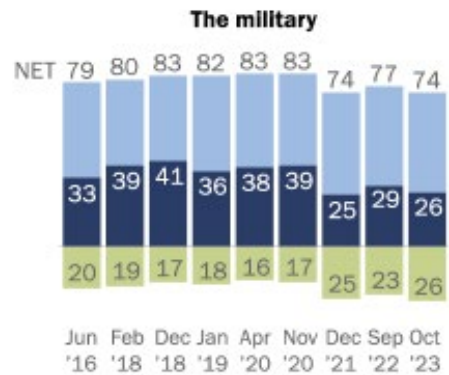


Source: Based on Budget of the U.S. Government FY 2023 Historical Tables.

Trust in Scientists Remains High, but has Declined Since the COVID-19 Pandemic

% of U.S. adults who have ___ of confidence in the following groups to act in the best interests of the public

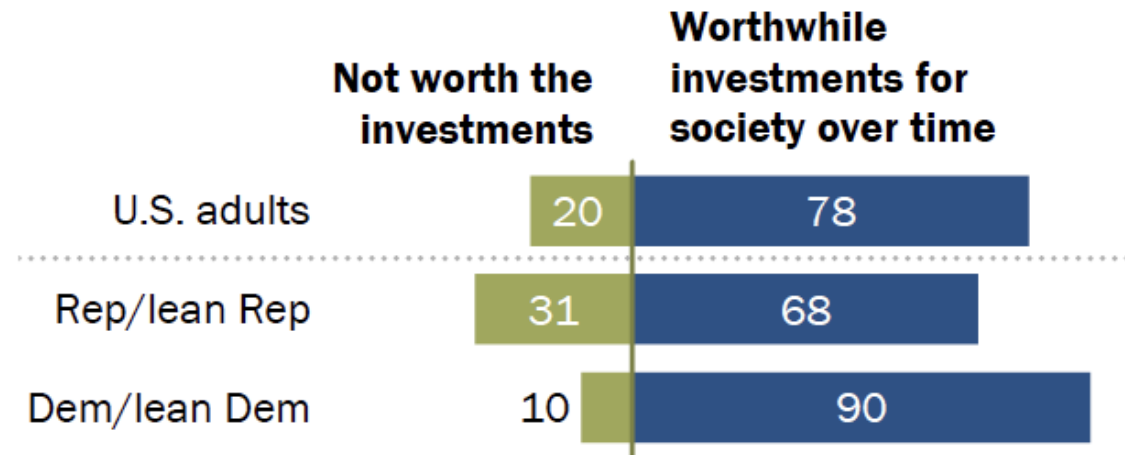
● A great deal ● A fair amount ● Not too much/No confidence at all



Note: Respondents who did not give an answer are not shown.
 Source: Survey of U.S. adults conducted Sept. 25-Oct. 1, 2023.
 "Americans' Trust in Scientists, Positive Views of Science Continue to Decline"

78% of U.S. Adults Think Federal Investments in Scientific Research are Worthwhile

% of U.S. adults who say government investments in scientific research aimed at advancing knowledge are usually ...



Note: Respondents who did not give an answer are not shown.

Source: Survey of U.S. adults conducted Sept. 25-Oct. 1, 2023.

"Americans' Trust in Scientists, Positive Views of Science Continue to Decline"

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