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also,

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Outline

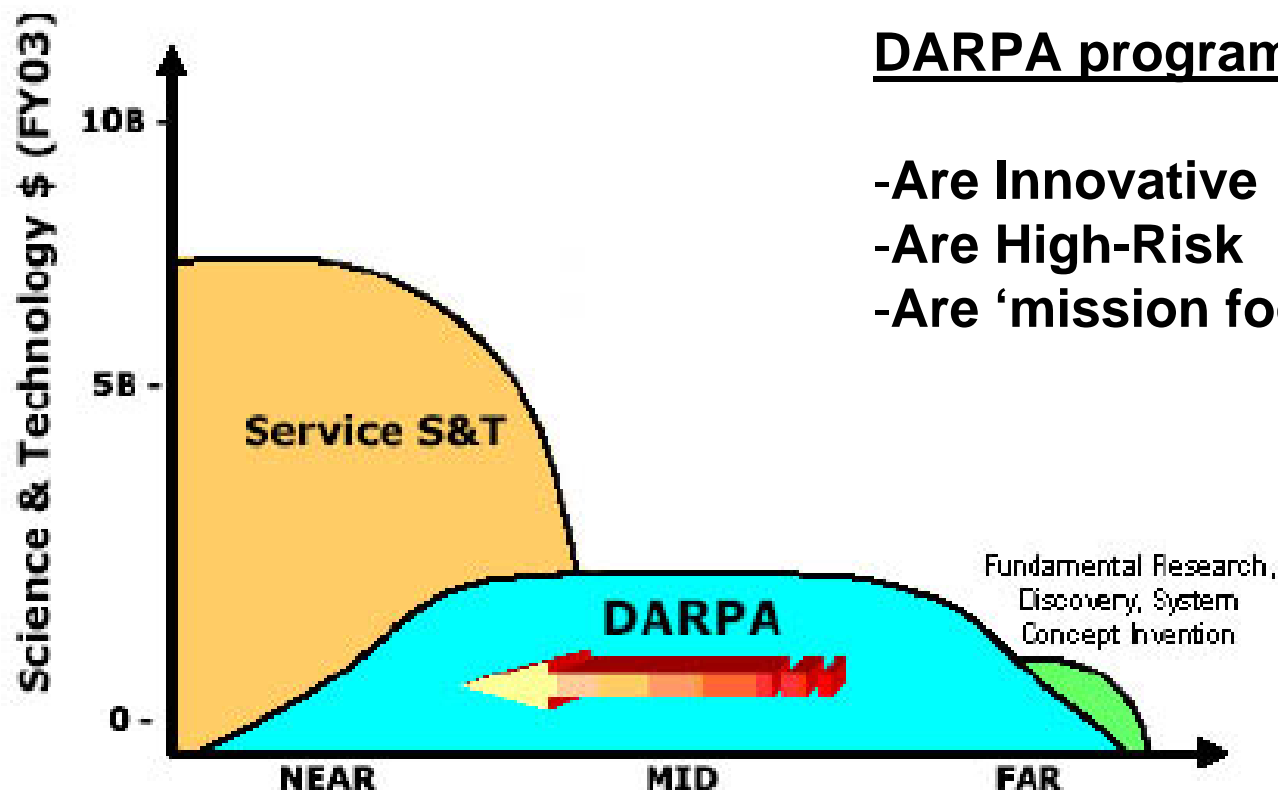
- DARPA Organization
- Doing Business with DARPA
- Some Opinions on DARPA and early career development



DARPA Mission

Mission:

To prevent technological surprise by our adversaries, and to create technological surprise for our enemies.

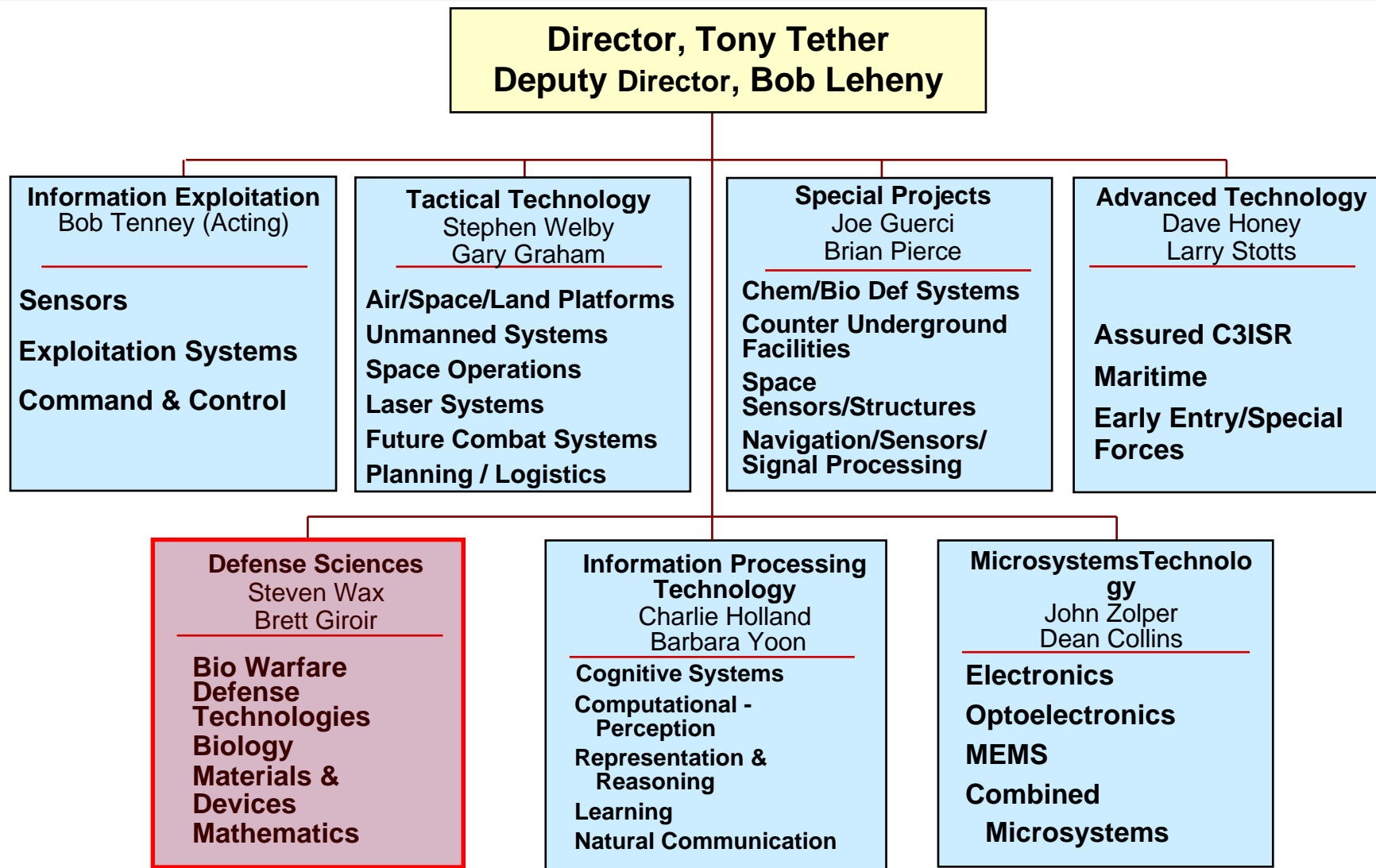


DARPA programs:

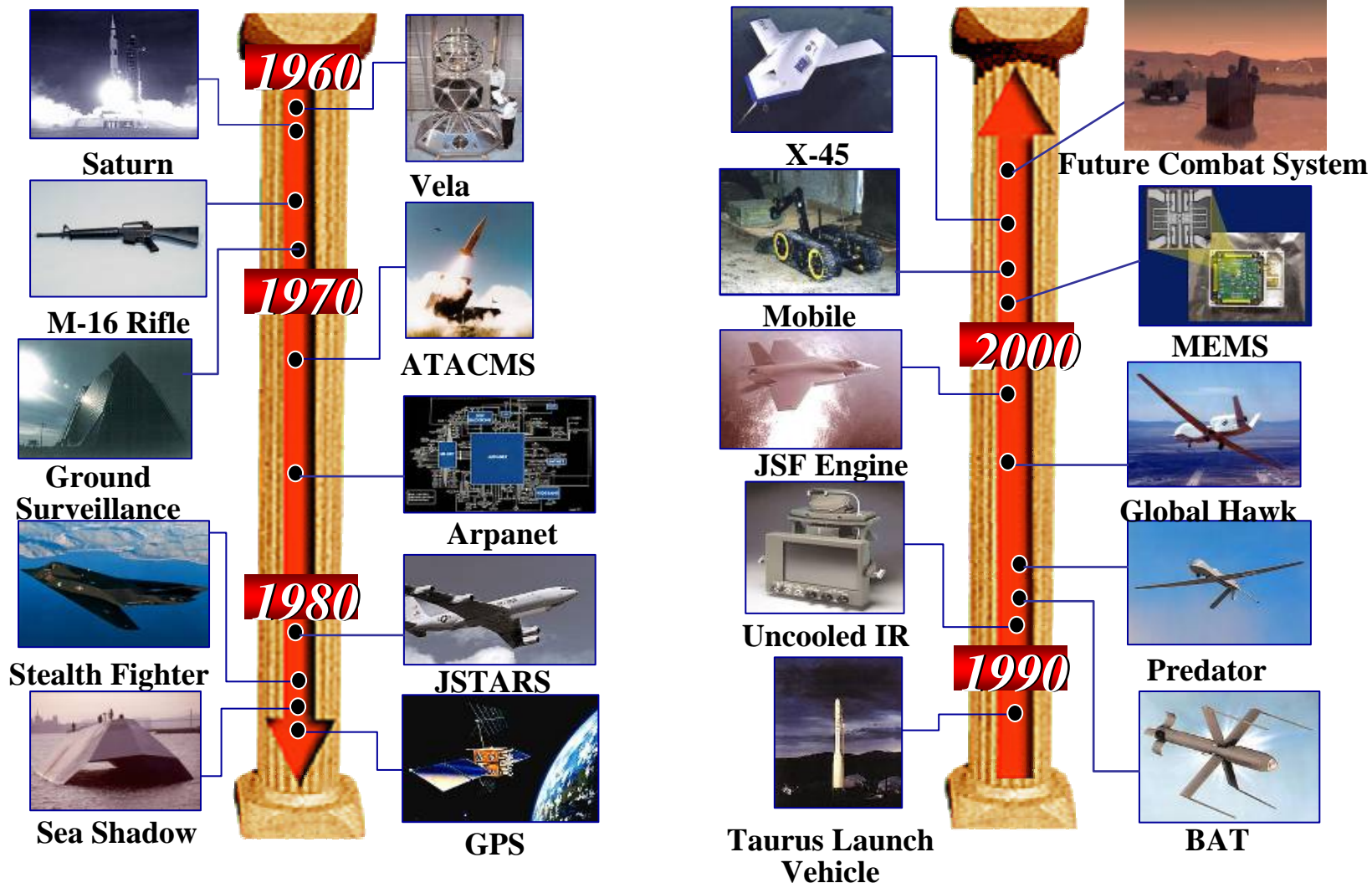
- Are Innovative
- Are High-Risk
- Are 'mission focused'



DARPA Organization



DARPA Legacy



Doing Business with DARPA



Seed' Efforts

Check the year-long Broad Agency Announcement for each office for areas of interest.

Programs

Generally announced through a separate BAA that describes the particular technical areas of interest.



'Typical' Seed Effort

DARPA will sometimes fund short-term (6-12 month) efforts that focus on overcoming **one or two key technical challenges** associated with high-risk, high-payoff technologies.

Funding levels vary greatly, but are often in the range of 100K-500K for 6-12 months.



'Typical' DARPA Program

Phase I (12-18 months) to demonstrate the ability to overcome key technical challenges. Generally a team of performers. Phase I milestones lead to a downselect of performers.

Phase II (24-36 months) to demonstrate the potential of transitioning the technology to a relevant application. Teams may change from the Phase I to Phase II transition to increase odds of successful technology transition.

Doing Business with DARPA



The good news:

DARPA is willing to except a reasonable amount of technical risk if the potential payoff is high...

A creative solution based on sound physical principles is equal to, or more important, than previous data.

The bad news:

DARPA program managers will require **regular updates** on the progress of your effort.

DARPA programs require **quantitative milestones** to demonstrate progress.

Continued funding if often based on **meeting program milestones**.