


A decorative graphic on the left side of the slide features three balloons: a light green one at the top, a light blue one in the middle, and a light purple one at the bottom. Each balloon has a string and several small yellow triangular shapes radiating from it, suggesting movement or light. The balloons are positioned to the left of the main text area.

Red Panel

- What causes collaborations to succeed/fail?
- What can NYS catalyze?
- What is the compelling story?
- What are the missing pieces?



What causes collaborations to succeed?

- Desirable incentive/outcomes for all participants
 - Meeting of the minds on
 - Funding model
 - Building of infrastructure
 - Business and operation model for use
 - Technical and operational model
 - PI's don't want to be worse off – hope for access to more resources
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What causes collaborations to succeed?

- Incentives
 - Shared facilities
 - Staff support
 - Expansion of areas of activity/interest
 - Cost savings, additional space



What can NYS catalyze?

- Support local domain/HPC experts to assist in using HPC facility
- Professional people to build collaborations (within Offices of Research)
- Cost share federal funding at all levels
- Seed grants for starting collaborations
- Support faculty/student exchanges within HPC consortium, particularly to bridge domains and expertise



What can NYS catalyze?



- Require interdisciplinary collaborations (Good idea, but don't force it)

What is the compelling story?

- Creating jobs in existing and new companies.
- Keeping people we are educating in NYS
- Attracting out-of-staters to come here
- Inspiring others to invest as well
- Better quality of life for taxpayers


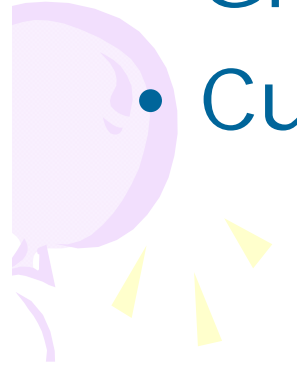


What is the compelling story?

- Economic benefit to NYS
 - Building an interdisciplinary workforce (domain experts savvy in CS and vice versa)
 - Enabling NYS work force to compete globally
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What are the missing pieces?

- IP and Export Control issues (UIDP is a positive development)
 - NYS has funded capital projects in the past (Gen*NY*sis, Centers of Excellence) – we need operational and sustaining funds
 - Grantsmanship
 - Curriculum: K-12, teachers education
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What are the missing pieces??

- The research axis misses:
 - Humanities, social and behavioral sciences
 - Performing and creative arts
 - Innovation
 - Marketing NYS cyber infrastructure to researchers, policy and decision makers, educators
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