

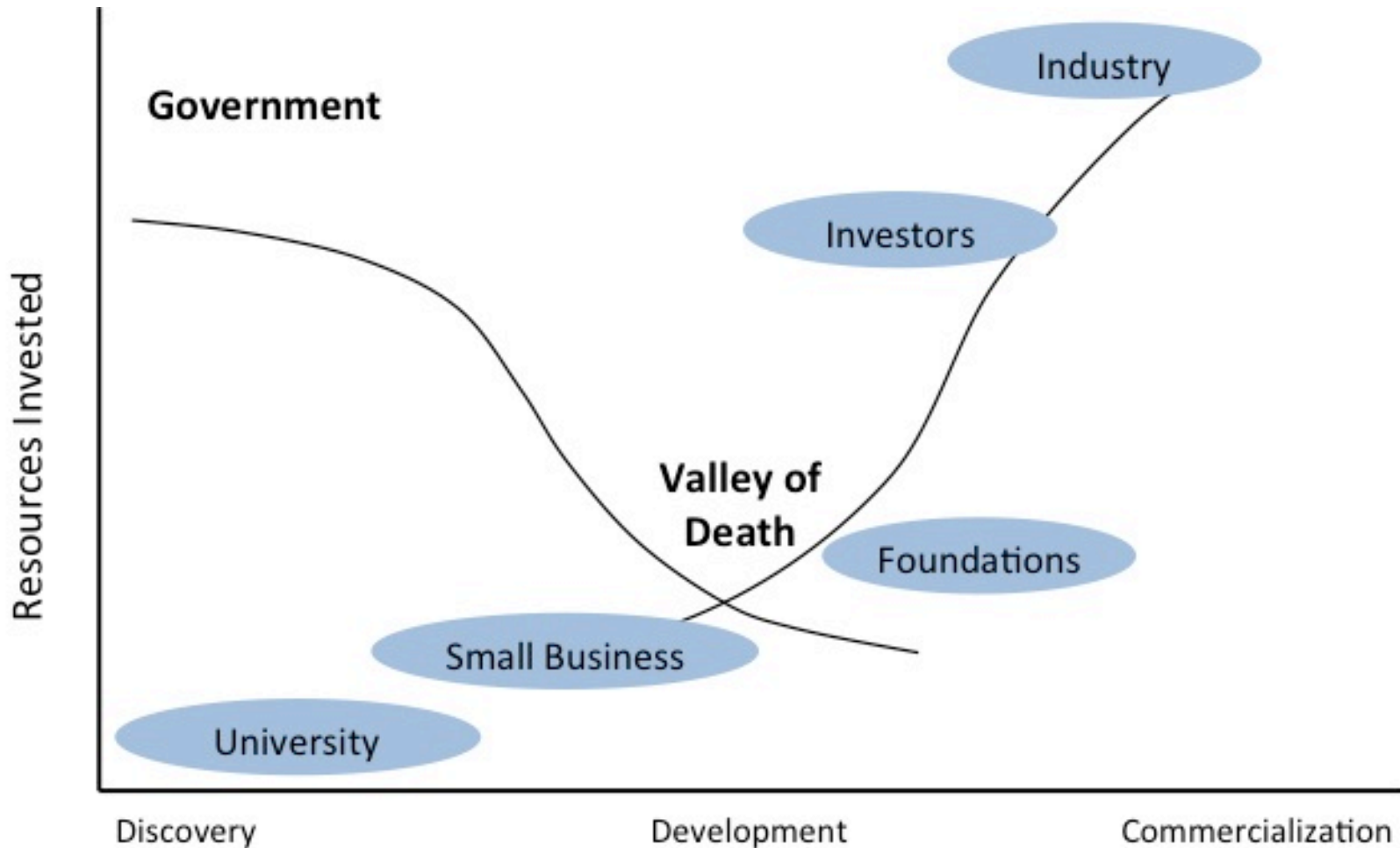
# BILAT USA 2.0

## Research, Technology and Innovation Panel

**Raffaella Montelli, Ph.D.**  
Program Director  
Industry/University Cooperative  
Research Centers Program



# Moving innovations from discovery to commercialization: “Mind the gap”

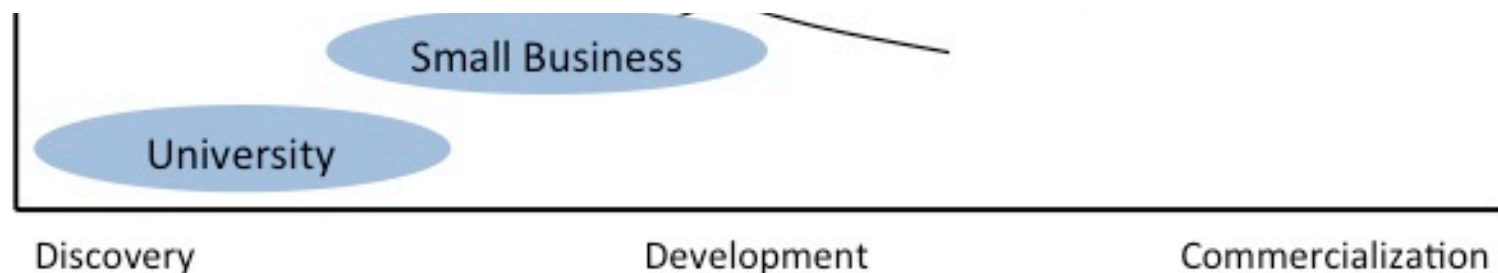


## Moving innovations from discovery to commercialization: “Mind the gap”

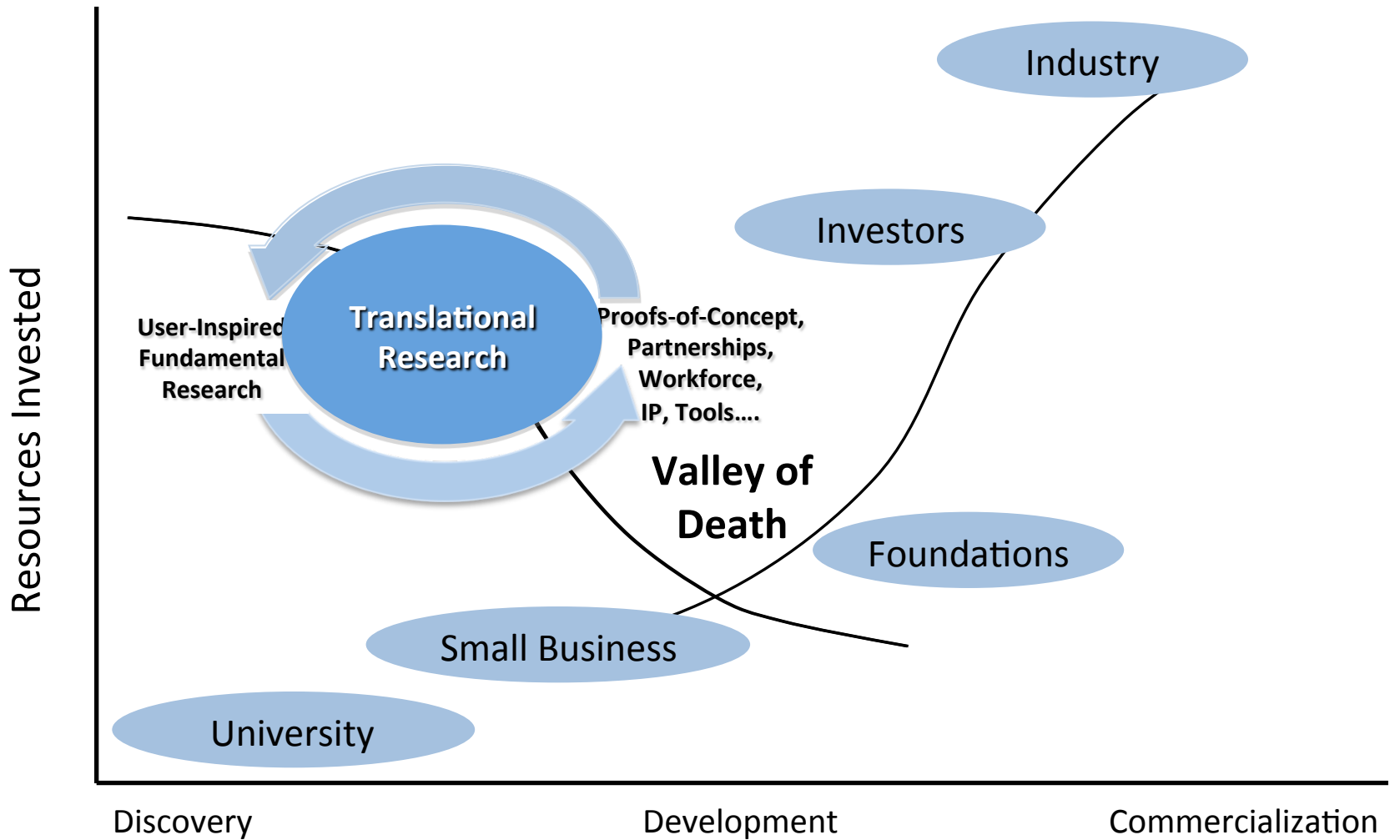


**Challenge:** lack of resources needed to develop research products to a level where industry or investors recognize their commercial potential

**Challenge:** Many players, different value expectations, a complex interplay of relationships



Bridging the gap: Translational Research

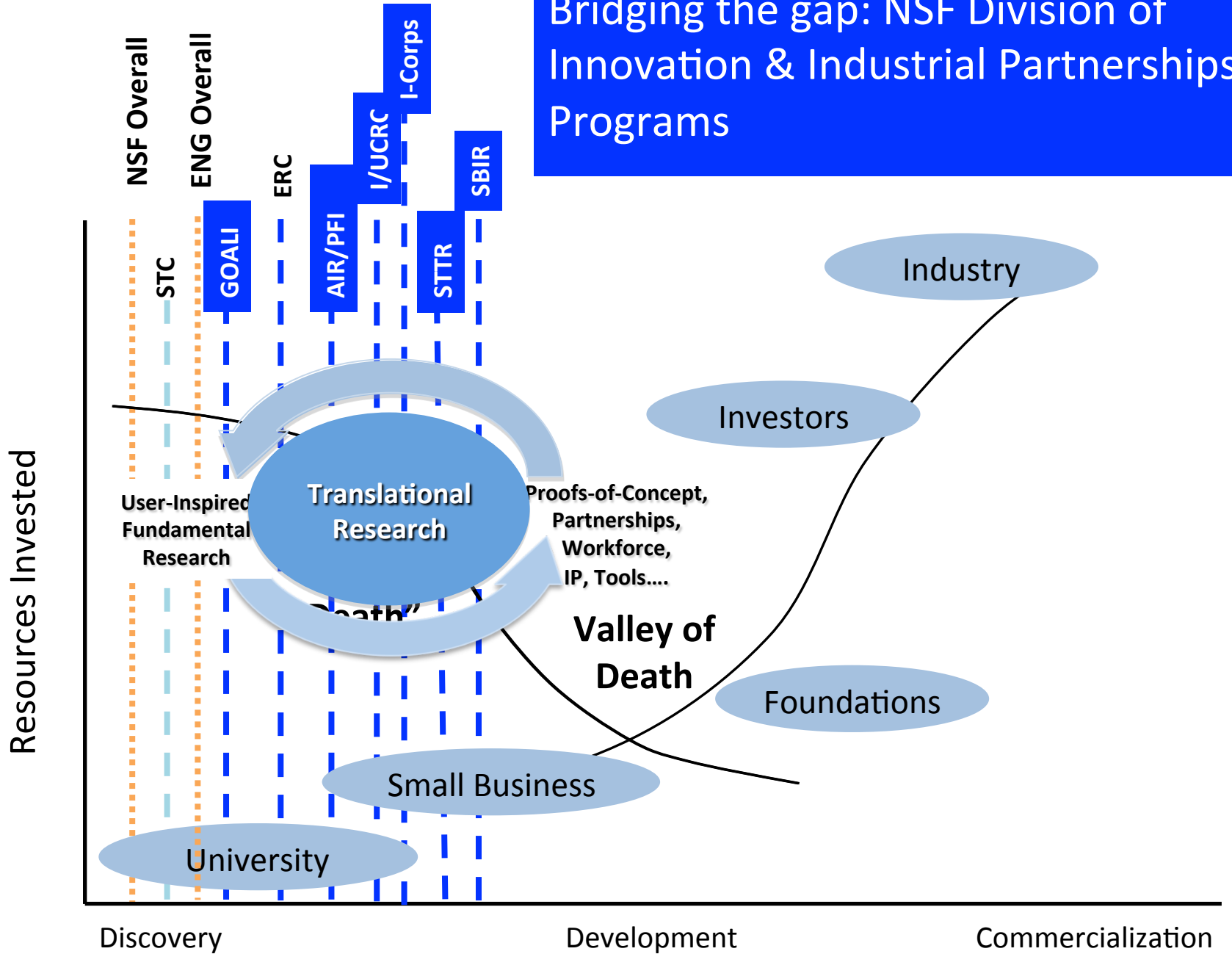


# National Science Foundation

WHERE DISCOVERIES BEGIN



Bridging the gap: NSF Division of Innovation & Industrial Partnerships Programs



# The Industry/University Cooperative Research Centers (I/UCRC) Program



40 years of fostering and growing long-term partnerships among industry and academe based on shared value

## Fiscal Year 2014 end of the year Program Facts:

- 77 Active Centers and 5 formal international sites
- Close to 1200 industry involved
- Close to 1100 senior research investigators involved
- More than 2000 students involved, with 30% of the graduated ones this year hired by the industry members
- 7 startups spun out
- 6:1 leveraging of NSF funds
- 47:1 leveraging of member funds



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40 years of fostering and growing long-term partnerships among industry and academe based on shared value

## Challenges to I-U partnerships:

- **Intellectual property**

**I/UCRC solution:** one membership agreement for all members and all centers; royalty free non exclusive license

- **Win-win solution for all partners**

**I/UCRC solution:** Cooperatively defined pre-competitive research portfolio defined on shared value;

- **Trust**

**I/UCRC solution:** NSF investment (seed funding for the center operation and additional funding opportunities), facilitation, oversight and branding

