

# Partnerships for Innovation (PFI)

## Solicitation NSF 19-506



January 13 Submission Deadline



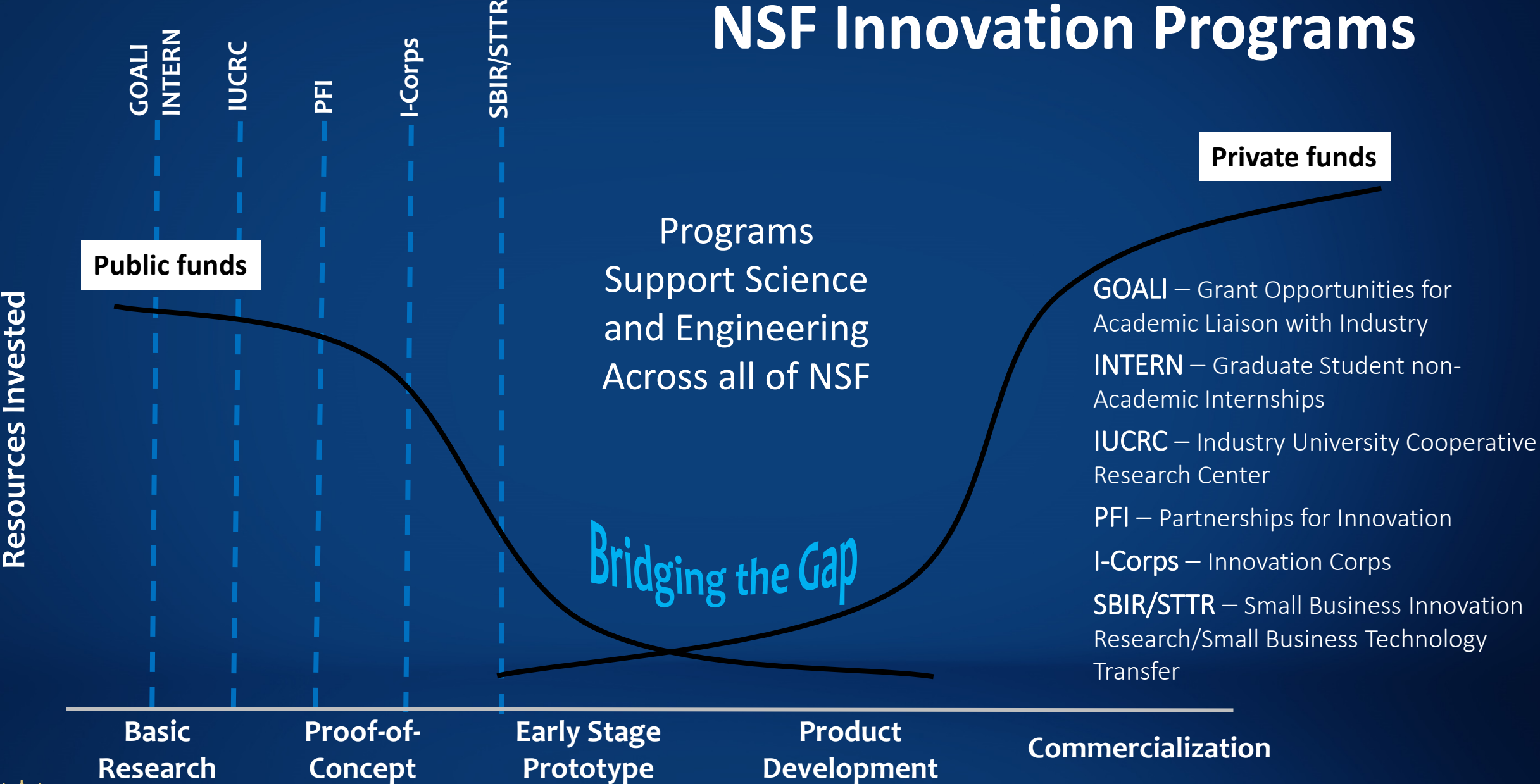
# Important Resources for Applicants

- Read the solicitation NSF 19-506  
<https://www.nsf.gov/pubs/2019/nsf19506/nsf19506.htm>
- Visit our website PFI: <https://www.nsf.gov/PFI>.
- Read the PFI FAQs (NSF 19-046) at:  
<https://www.nsf.gov/eng/iip/pfi/resources.jsp>.
- Contact Program Directors Jesus Soriano or Katie Bratlie— [pfi@nsf.gov](mailto:pfi@nsf.gov)

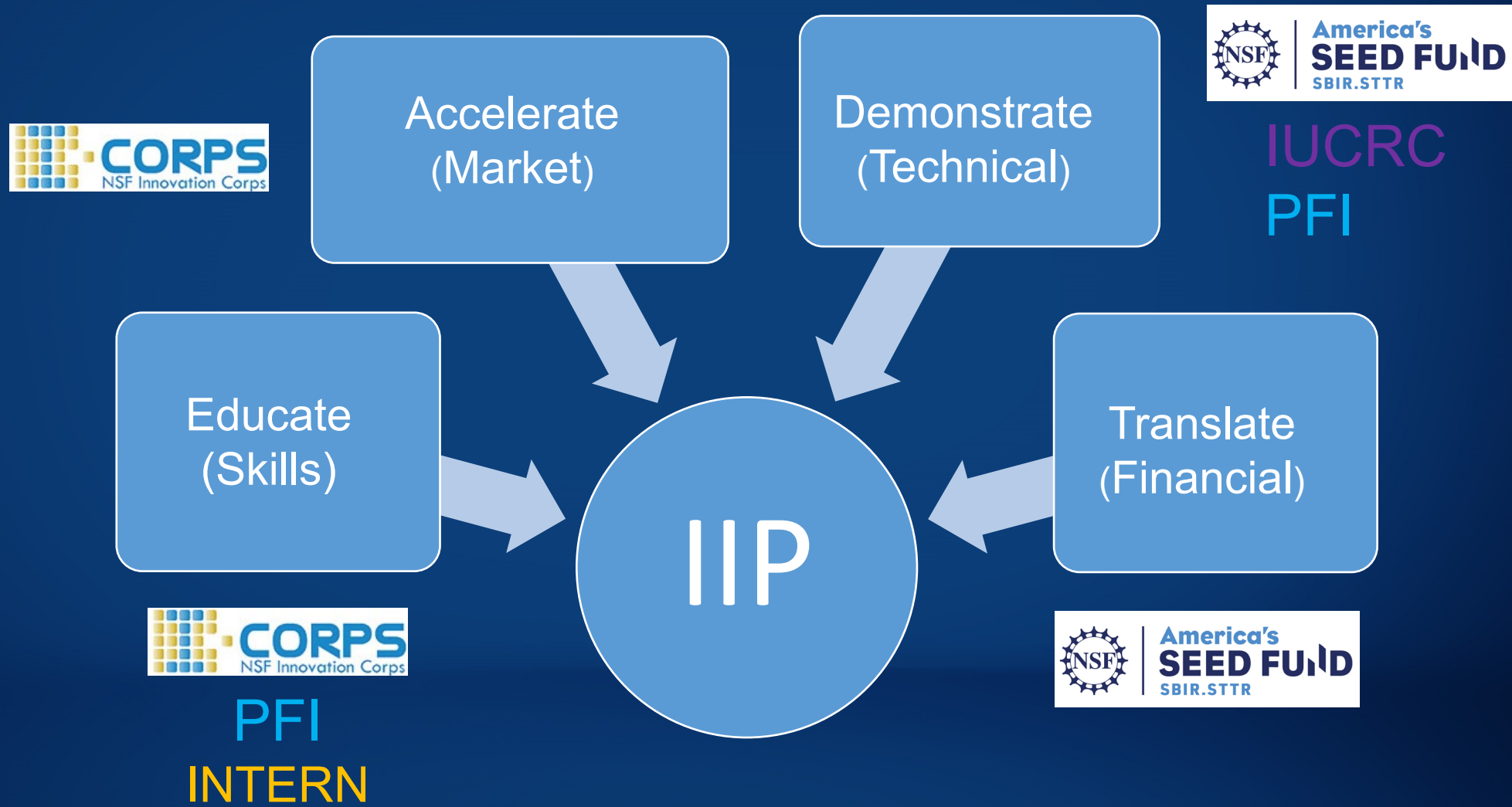




# NSF Innovation Programs



# Which risks does IIP address?



# Intended Program Outcomes

- Commercialization of IP derived from NSF-funded research.
- Licensing of NSF-funded research outputs to third-party corporations or start-up companies funded by PFI teams.
- Foster collaborations with industry.
- Training future innovation and entrepreneurship leaders.
- Increased participation of women, minorities, and persons with disabilities in innovation & entrepreneurship.



# NSF Lineage Requirement in PFI

Both PFI-TT & PFI-RP must meet at least one of these criteria:

➤ **NSF-funded research award**

- Technology development from PI or co-PI's prior NSF funded research completed within **last 7 years**

➤ **NSF I-Corps™ Teams award** (supported customer discovery).

- The product to be developed informed by an NSF I-Corps Teams award completed within **last 4 years**
- I-Corps Info: [https://www.nsf.gov/news/special\\_reports/i-corps/teams.jsp](https://www.nsf.gov/news/special_reports/i-corps/teams.jsp)

Exception: Resubmission of PFI-RPs submitted but not awarded under previous solicitation NSF 18-511



# What PFI Does Not Fund

- Basic research with **no technology development**.
- Pre-clinical / clinical efficacy or safety studies, drug development, regulatory work.
- **Non-R&D work**: Market research, corporate or business development, sales, fundraising, intellectual property.
- Commercial development of **existing products** or proven concepts.
- **Low-risk**, straightforward engineering design, **incremental improvements** of existing product or process.



# PFI-TT: Technology Translation Track

- Up to \$250,000 for 1.5-2 years.
- Commercial potential demonstration projects for NSF-funded research outputs in any science and engineering discipline.
- Proof-of-concept, prototyping or scale-up work.
- An active Co-PI or Sr. Personnel is a **Technology Commercialization Expert** *in the targeted field of application or industry sector.*
- At least 1 **letter of support** to validate market potential/broader impact.





# PFI-RP: Research Partnerships Track

- Up to \$550,000 for 3 years.
- Same goals as the PFI-TT track.
- Complex projects
  - Require a multi-organizational, interdisciplinary collaboration.
- Requires **at least 1 Industrial Partner**.
  - Project must be industry-relevant.
  - An employee of Industrial Partner serves as co-PI (Tech. Commercialization Expert).
  - May support the educational objectives.
- Research Partners encouraged



# The Industrial Partner

- **Mandatory in PFI-RP track, encouraged in PFI-TT.**
- U.S.-based.
  - Foreign Public Entities (2 CFR § 200.46) or Foreign Organizations (2 CFR § 200.47) do not qualify.
- Established record of commercial revenue.
  - From sales or licensing.
  - Majority of revenues cannot be from grants and government contracts.
- For-profit or not-for-profit.
  - Non-profit, technology transfer organizations must meet revenues requirement.
- Proven experience in bringing products or services to the proposed target market sector.



# Questions? Send your executive summary

After you visit <https://www.nsf.gov/PFI> and read the solicitation, email Katie Bratlie ([pfi@nsf.gov](mailto:pfi@nsf.gov)) a short summary with:

- The NSF Lineage
- The societal need/market opportunity to be addressed.
- The proposed innovation.
- Key technological hurdles you must overcome to translate the technology into a product or service.
- The envisioned pathway to commercialization.
- The team and partners you would bring to the PFI project.



# Thank you!

**kbratlie@nsf.gov**

**<https://www.nsf.gov/PFI>**

