



**GRANT OPPORTUNITIES
FOR
ACADEMIC LIAISON WITH
INDUSTRY
(GOALI)**

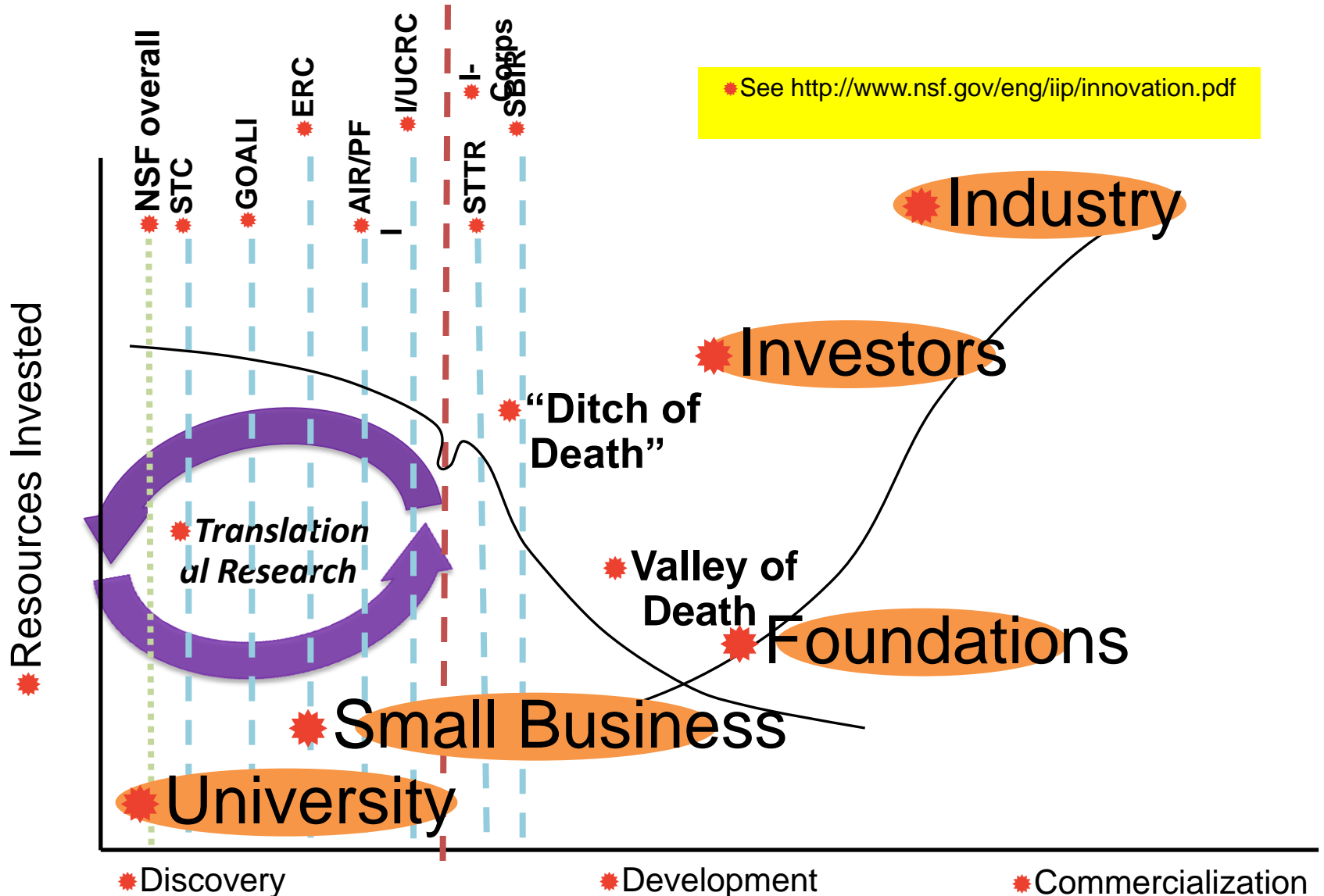


Building
Long-Term
RELATIONSHIPS



NSF Innovation Investments

See <http://www.nsf.gov/eng/iip/innovation.pdf>





What is GOALI ?

- Mix of Industry-University Partnerships
- High-risk/High Gain research
- Focus on Fundamental Research
- Transfer of New Knowledge
- Research Beyond that which Industry Funds



Why Get Involved?

- Higher Success Rate
- Curriculum Development
- Workforce Development
- Potential job opportunities
- Award enhancement
- *Industrial participation*



GOALI Contribution to Manufacturing

Division	2010	2011	2012	2013	FY10-FY13
IIP	\$ 1,046,057	\$ 1,180,438	\$ 1,004,862	\$ 1,073,000	\$ 4,304,357
CMMI	\$ 3,998,664	\$ 4,507,649	\$ 3,778,077	\$ 3,133,870	\$ 15,418,260
Total	\$ 5,044,721	\$ 5,688,087	\$ 4,782,939	\$ 4,206,870	\$ 19,722,617



How GOALI: Faculty and Students in Industry

- Industry-University collaboration required for research and education aspects of the proposal
- Required matching funds from industry for residence period in industry
- NSF \$ support university participation
- Opportunities for future employment of students
- Dissemination Plan



How GOALI: Industry Personnel in Academe

- Industrial scientists/engineers visit academe for up to 12 months to catalyze research/curricula
- Industry based Graduate Assistantships to continue graduate studies
- Required matching funds from industry
- Research/ educational objectives and plan for interaction on campus required
- Dissemination Plan



How GOALI: Collaborative Research Projects

- Industry co-PI; must present a real industry commitment
- Detailed plan for industry-university collaboration, w/division of research tasks
- Industry cost-sharing and technological relevance are essential evaluation criteria
- Proprietary issues - agreement on intellectual property is required
- Dissemination Plan



Before Preparing GOALI Proposal Answer the Following:

- What is impact/relevance if research is successful?
- Who will be industrial Co-PI?
- Has industry committed time/effort of Co-PI?
- How much time and money is required for effort?
- What resources has industry committed to effort?
- What about intellectual property?

NOW CONTACT THE PROGRAM





GOALI Proposals: Frequently asked Questions

- Are there restrictions on who can apply and be supported:
 - Faculty internships only once and no adjunct professors
 - Only US citizens or permanent residents eligible for fellowships





GOALI Proposals: Frequently Asked Questions

- Can industries receive GOALI dollars?
 - NSF makes awards only to academic units
 - Funds may be used for collaborative activities
- Can the collaboration be with foreign companies?
 - If it is advantageous to the US





GOALI Proposals: Frequently asked Questions

- What's Required in a Proposal?
 - Co-PI from Industry
 - Intellectual Property Agreement
- Statement describing the industrial R&D Contribution
 - Specific plan for industry/university interaction





- NSF 12-513
MUSTS

- Co-P.I. on Cover page
- No Cost Sharing - Means!!!!!!
- Federal labs participate as 3rd party
- Proposals meet Directorate Timelines
- Supplements encouraged
- Competitiveness & Innovation
- Read the Solicitation !!!



Grant Opportunities for Academic Liaison with Industry (GOALI)

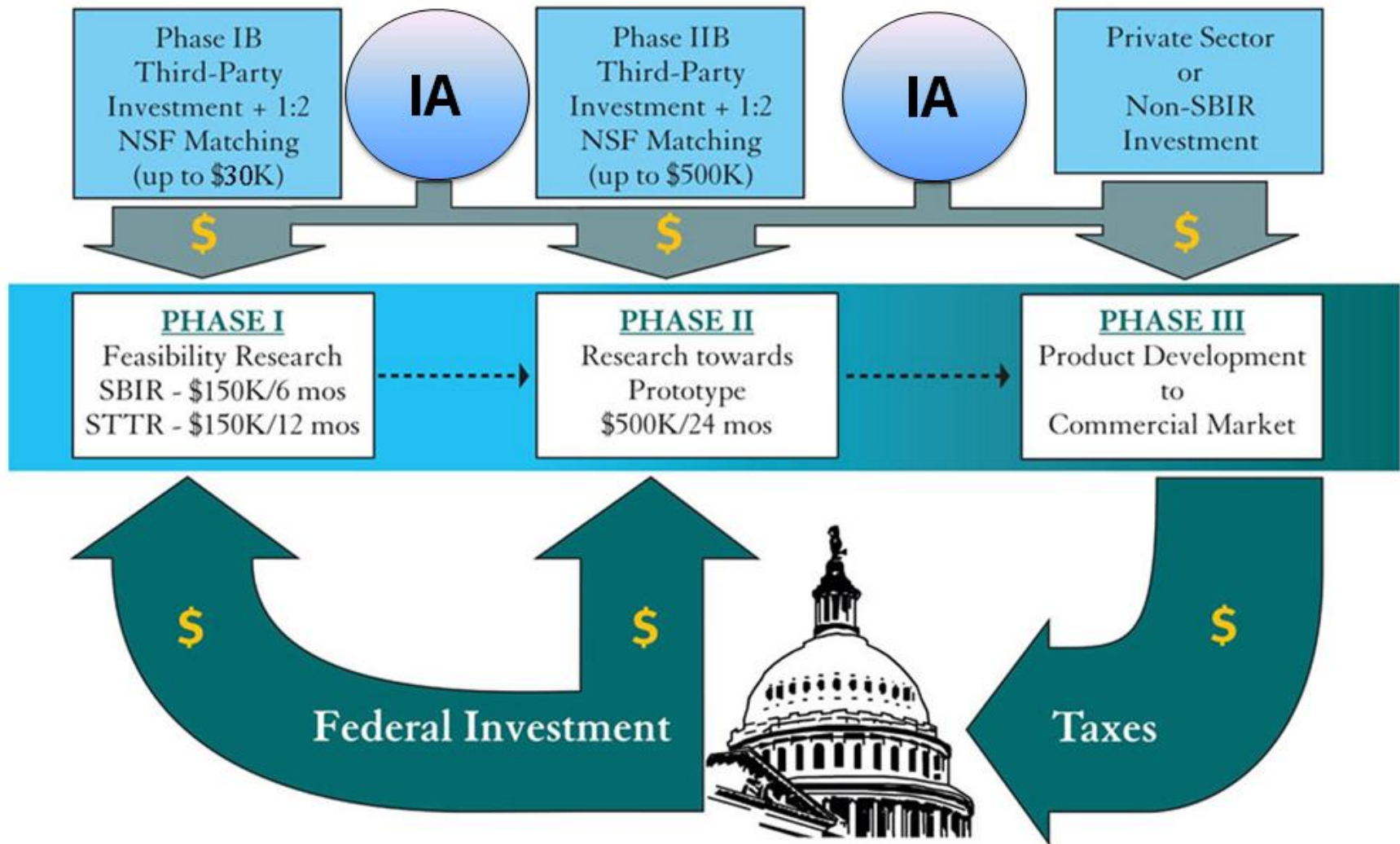
Supporting the Veterans Research Supplement (VRS)

<http://www.nsf.gov/pubs/2013/nsf13047/nsf13047.jsp>

- Supplemental funding given to veterans - provides hands-on research experience
- Similar to REU (submitted by PIs, internally reviewed)
- Full or part-time veteran undergraduate or graduate students at U.S. universities, colleges, or community colleges
- Veteran K-12 STEM teachers & veteran community college faculty
- \$10 K per individual supplement / duration ~ 10 wks



NSF SBIR/STTR Innovation Model



IA = Innovation Accelerator



SBIR/STTR Clusters

1. Nanotechnology, Advanced Materials & Manufacturing (NAM)
2. Biotechnology and Chemical Technology (BCT)
3. Information & Communication Technology (ICT)
4. Education Applications (EA)



How to Get GOALI Information

- Go to www.nsf.gov.....NSF Home Page
- Click on Engineering
- Click on GOALI..... NSF 12-513
- Click on HTML.....Get GOALI text

Questions call Don Senich (703) 292-7082 or
Kevin Simmons (703) 292-2692