

CORPS
NSF Innovation Corps

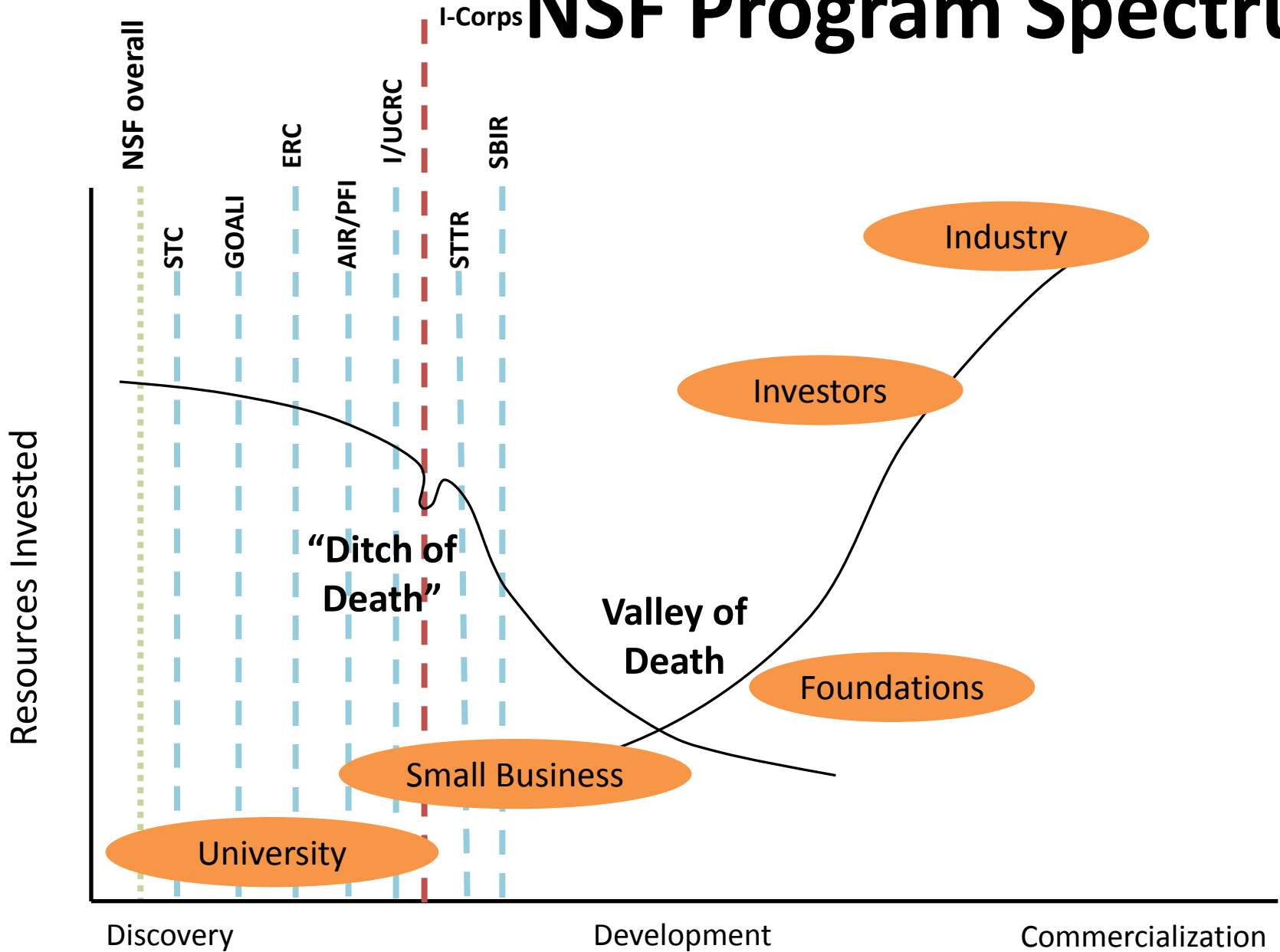
I-Corps Cognizant Program Directors

Errol Arkilic, ENG & OIA

Babu DasGupta, ENG

Richard Voyles, CISE

NSF Program Spectrum



I-Corp (Background)

- Leveraging NSF-lineage of previous support
- Small grants to focus on creating a commercialization roadmap
 - Addresses the “Ditch of Death”
- Nimble funding – Quick assessment
- Team-based – Commercialization is team effort
- Process-oriented - Curriculum-focused



Program Details (Project Proposal)

- Solicitation 11-560
- Written authorization from Cognizant PD required to submit proposal
- 5-page proposal
 - Team (2 pages)
 - NSF Lineage (1 Page)
 - Potential Commercial Impact (1 page)
 - Project Plan/Demo (1 page)
- Rolling process, Quarterly batches
- 4-week turnaround to award, Internal Review



Topic-Specific Program Directors

Charles Liarakos - BIO

Richard Voyles - CISE

Don Millard – EHR

Babu DasGupta – ENG

David Verardo – GEO

Mary Galvin-Donoghue – MPS

Irene Qualters – OCI

David Croson - SBE



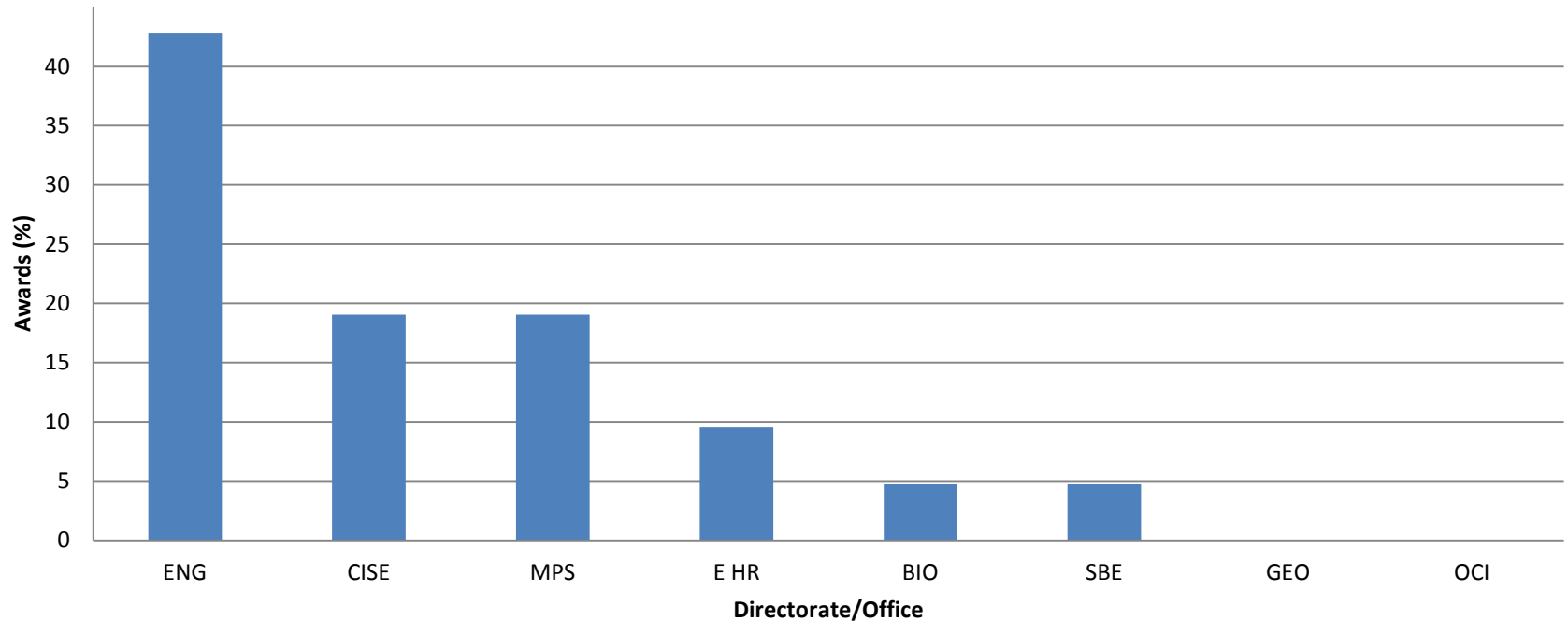
Q4 FY11 Results

- Over 350 inquiries
- 25 proposals
- 21 Awards (Start Date Oct. 1)
- Curriculum kickoff Oct. 10 -12 at Stanford
 - Based on Lean Startup approach
 - 65 participants - peers
 - Tracking blog posts required
 - Two follow-on (3 hr) Curriculum Webinars (to date)



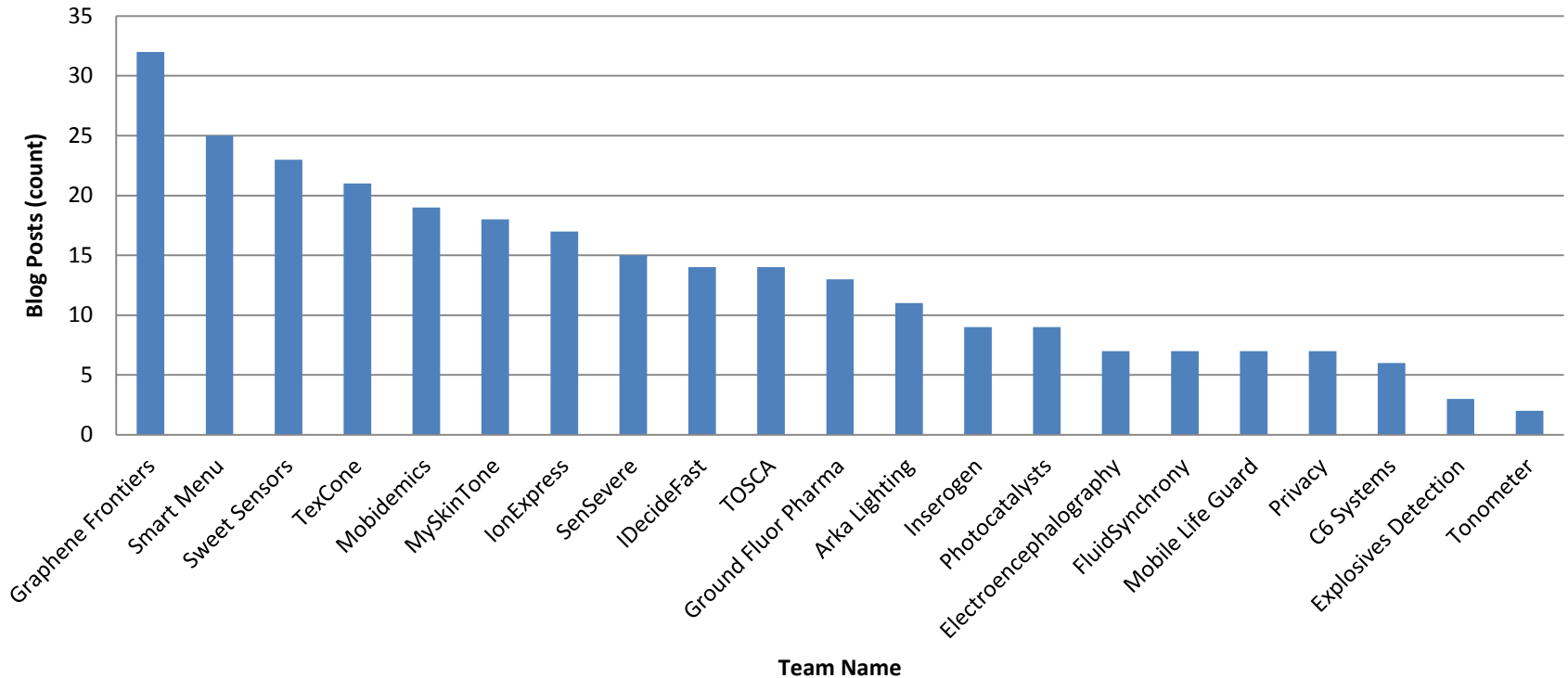
Eng Leads the Pack

I-Corps support by Directorate
Q4FY11 (total = 21)



Posting as form of engagement

of Blog Posts as of Oct. 23 2011



Lessons Learned (so far)

- Peer-to-peer nature of the curriculum is a powerful team motivator
- The mentor engagement/dynamic - critical success factor
- Initial team re-positioning is impressive
 - lots of learning going on



Panel Q&A

- Ilesanmi Adesida – UIUC
- Errol Arkilic – NSF, Program Director ENG/OIA
- Dedric Carter NSF, Senior Advisor for Strategic Initiatives
- Babu DasGupta – NSF, Program Director ENG
- Farnam Jahanian NSF, AD CISE
- Pramod Khargonekar – University of Florida
- Michael Silevitch – Northeastern University

