SBIR-ERC Collaborative Opportunities (SECO)

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ERC ILO SUMMIT
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NSF Engineering Directorate Organization Chart

Emerging Frontiers and Multidisciplinary Activities (EFMA)
Sohi Rastegar

Directorate Operations Officer
Judy Hayden

Assistant Director
Pramod Khargonekar
Deputy Assistant Director
Grace Wang

Senior Advisor
Mihail Roco
Program Director for Evaluation and Assessment
Alexandra Medina-Borja

Engineering Education and Centers (EEC)
Don Millard (acting DD)

Chemical, Bioengineering, Environmental, and Transport Systems (CBET)
JoAnn Lighty (DD)

Civil, Mechanical, and Manufacturing Innovation (CMMI)
Deborah Goodings (DD)

Electrical, Communications, and Cyber Systems (ECCS)
Samir El-Ghazaly (DD)

Industrial Innovation and Partnerships (IIP)
Barry Johnson (DD)
ERC Invention Disclosure Process

1. Invention Disclosure submitted to ERC schools

2. Is this funded by ERC core support
   - Yes
   - No

3. Follow IP policy of bylaws; IAB members offered first option to negotiate license
   - Yes
   - No

4. University negotiates with member companies for royalty bearing license
   - Successful Negotiation
   - Failed Negotiation

5. Any Other Entity or organization with IP rights through associate project funding offered first option
   - Yes
   - No

6. Follow Other Entity IP agreement
   - Successful Negotiation
   - Failed Negotiation

7. Pool of venture technology available to non-member companies and Startups for Translational Research
   - Yes
   - No

8. Successful Commercialization $$$

9. Successful Commercialization $$$

10. Eligible for NSF Translational Research Fund
SECO Program

• Collaboration formed between ERC and SBIR programs at NSF
  • Pilots in 2007, 2009 (active Phase II SBIRs only eligible industry partners)
    • SBIR firm is the lead → subaward to ERC
  • Dear Colleague letter in 2010 (broaden to any industry participant)
    • ERC the lead → subaward to industry partners
• Full solicitation allows non-SBIR Phase II awardees to apply (2012, 2013)
  • Two types of awards
    • Type I: Any small business lead → subaward to ERC
    • Type 2: Phase II SBIR lead → subaward to ERC
  • Small business firm is the lead → subaward to ERC
• SECOS have been SBIR Supplements since 2014
  • SBIR firm is the lead → subaward to ERC (contact: Murali Nair (mnair@nsf.gov))
Questions?