



Issue Forum 4 Mechanisms to Improve Research Implementation and Technology Transfer: NSF Input

NEES Consortium, Inc., Third Annual Meeting May 13, 2005

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1



Historic Involvement of Industry/Practitioner/End User/Stakeholder Participation in NSF Proposals/Awards

- **Types of participation, e.g.,**
 - Reviewers, site visit teams
 - Researchers
 - Consultants
 - External Advisory Boards (e.g., ERCs/EERCs, I/UCRCs, NEESRs)
- **Types of activities on awards, e.g.,**
 - Precompetitive research
 - Research strategy directions
 - Test bed development
 - Knowledge and technology transfer
 - Academic researchers at company site/facility
- **Additional NSF programs, e.g.,**
 - GOALI Program (NSF 98-142)
 - SBIR/STTR (NSF 05-557 – focused on electronics, securities tech)
 - Partnerships for Innovations (NSF 05-566)
 - ...

2



NSF 03-589 NEESR Award Outcomes (award abstracts available at www.nsf.gov)

NSF Award ID	PI	Institution	Award Amount	Topical Area	NEES Equipment Sites Requested
0421492	Kanvinde, A.	U of CA, Davis	\$449,254	II - Steel Structures	U of Colorado, Boulder
0421312	Gerber, T.	Brigham Young U	\$388,436	II - Pile Caps	U of CA, Los Angeles
0421180	Parra-Montesinos, G.	U of Michigan	\$449,898	II - Frame Systems	U of Minnesota
0421275	Biscontin, G.	Texas A & M U	\$447,703	II - Soil Properties	U of Texas, Austin
0421551	Krawinkler, H.	Stanford U	\$449,320	II - Frame Collapse	U of Buffalo
0421142	O'Rourke, T.	Cornell U	\$2,000,000	SG - Lifelines	Cornell U, RPI
0421577	Lowe, L.	U of Washington	\$1,537,231	SG - Wall Systems	U of Illinois, U-C
0421090	Fritz, H.	Georgia Tech	\$450,019	SG - Tsunamis	Oregon State U
0420974	Sause, R.	Lehigh U	\$2,000,000	SG - Steel Frames	Lehigh U
0420347	Saiidi, M.	U of Nevada, Reno	\$2,000,000	SG - Bridges	U Nevada, Reno and U of CA, San Diego

Projects with industry/government agency involvement



Industry/Practitioners/End Users/Stakeholders Can Help

- NEHRP – research project partnerships across agencies
- 2005–2014 NEES research & education roadmap (e.g., EPRI)
- Beyond 2014 vision
- NEES Consortium, Inc., Operations
 - BOD
 - Committees and other venues
- NEESR projects
- Utilization of NEES infrastructure