Please note the short timeframe.

NORTHWESTERN UNIVERSITY - OFFICE OF RESEARCH DEVELOPMENT

Limited Submission Funding Opportunity

NIST Advanced Manufacturing Technology Consortia (AMTech) Program, Planning Awards

http://www.grants.gov/web/grants/view-opportunity.html?oppId=260572

FOA#: 2014-NIST-AMTECH-01

The AMTech Program provides funding to industry-driven consortia that develop advanced technologies to address major technological and related barriers that inhibit the growth of advanced manufacturing in the U.S. and the global competitiveness of U.S. companies. Regardless of the type of organization that leads a consortium, an industry-driven consortium, in its broadest sense, is a collaborative partnership that includes broad participation and commitment by companies of all sizes, universities and government agencies, with the objective of participating in a common activity or pooling of resources for achieving common goals that are determined and led by industry.

Two types of awards are envisioned as part of AMTech: Planning Awards and Project Awards. Planning Awards are a means to attract broad and committed stakeholder involvement (industry, government and academia), identify critical gaps in advanced manufacturing technology infrastructure, create industry-driven technology roadmaps that guide research to address industry problems, and produce well-founded industry-driven plans for the entire R&D lifecycle. It is envisioned that AMTech will provide additional funding to consortia in the form of Project Awards to perform research that addresses these critical needs and advances the research agenda derived from AMTech Planning Awards.

This is a funding opportunity for Planning Awards only and funding of activities to establish new or strengthen existing industry-driven consortia and technology planning activities solely. Funding will not be awarded for the performance of research activities.

Technical challenges in any area of advanced manufacturing will be considered provided they require solutions that include the development of highly innovative, transformational technologies that are broadly deployable to diverse manufacturing applications. Proposed projects should clearly demonstrate how the envisioned effort complements and does not duplicate other technology consortia and/or roadmapping projects already underway, including those previously funded by the NIST AMTech Program (Northwestern University is an awardee)(http://www.nist.gov/amo/fundedawards.cfm), or other projects funded by the Department of Commerce or other Federal agencies.

AWARD INFORMATION
NIST plans that approximately $5.6 million may be available in total from FY 2014
appropriations to fund the total number of projects of up to approximately two (2) years in
duration, in the range of approximately $250,000 to $500,000 total federal funding per project.

**LIMIT ON NUMBER OF PROPOSALS PER ORGANIZATION**
Only one Pre-Application per institution is allowed.

**KEY DATES**
- **Internal Letter of Intent Due**: August 11, 2014 (by midnight)
- Sponsor Pre-Application due date (Required): September 5, 2014
- Sponsor Full Application due date (by Invitation): October 31, 2014

**SUBMITTING A MANDATORY LETTER OF INTENT**
Faculty members interested in applying are required to submit a letter of intent (LOI). An LOI is required but not binding.

1. Click [here](#) to access the LOI form.
2. Name the LOI as follows: “LastName-FirstInitial-LOI-NIST-AmTech-2014”, replacing “LastName” with your last name and “First Initial” with your first initial.
3. Submit the complete LOI form by clicking on the [https://vault.it.northwestern.edu/xythoswfs/webui/_xy-e5568290_1-t_c138bSFj](https://vault.it.northwestern.edu/xythoswfs/webui/_xy-e5568290_1-t_c138bSFj)

**COLLABORATION OPPORTUNITIES**
The Office of Research Development offers assistance in identifying and facilitating collaborations, putting together interdisciplinary teams, programmatic and administrative development of large, cross-school proposals, and leveraging institutional resources for outreach and education. Contact Fruma Yehiely ([yehiely@northwestern.edu](mailto:yehiely@northwestern.edu)), Director of ORD, for more information.

**CONTACT AND ADDITIONAL INFORMATION**
[Fruma Yehiely, Director of ORD, 847-491-1074, yehiely@northwestern.edu](mailto:yehiely@northwestern.edu)
Limited Submissions web site: [http://www.research.northwestern.edu/ord/funding/limited-submissions/](http://www.research.northwestern.edu/ord/funding/limited-submissions/)