Limited Submission Funding Opportunity

National Science Foundation: Consortium for Advanced Manufacturing Foresights


**FOA#: NSF 15-565**

The National Science Foundation, with support from the National Institute of Standards and Technology, is calling for the advanced manufacturing research community to unite in the establishment of the Consortium for Advanced Manufacturing Foresights. The Consortium will:

- Embrace all fields of advanced manufacturing, including emerging areas and areas overlapping with other disciplines.
- Serve as a catalyst and enabler for and give a voice to the national advanced manufacturing research community in shaping the future of advanced manufacturing.
- Consider issues, challenges and opportunities facing U.S. advanced manufacturing, and source novel and unanticipated perspectives on technology priorities that can inform both the broad advanced manufacturing community and agency work.
- Provide a resource for rapid response expert advice to help inform cross-cutting federal research and development initiatives in advanced manufacturing. It is anticipated that these responses might be provided within from several days for simple informational items to several months for more complex issues.
- Serve as an intermediary for the Administration in soliciting the input of the broader manufacturing community and supply chains on technology strategies.

In fulfilling its roles, the Consortium will:

- Enable the advanced manufacturing community to communicate to a broad audience the myriad ways in which advances in manufacturing will create a brighter future and encourage the alignment of advanced manufacturing research with pressing national priorities and national challenges.
- Facilitate the generation of visions for advanced manufacturing research and education and communicate them to a wide range of stakeholders.
- Provide flexible mechanisms that allow single or multiple federal agencies to sponsor and participate in studies of specific agency interest.
- Respond to federal agency requests and identify key technology challenges facing the private sector.
- Convene experts from U.S. industry and academia to consider issues, challenges, and opportunities in advanced manufacturing.
- Form focus teams to “deep dive” into particular technology areas.
- Engage experts from the private sector (industry and academia), with the support of and participation from federal agency leadership.
• Provide input to the federal government and engage with advisory committees and groups consistent with law and regulations, as appropriate for a body that is not chartered under the Federal Advisory Committee Act (FACA).

**ELIGIBILITY**
A Consortium proposal must be submitted by an existing organization that is a consortium or that represents a consortium, with a stake in basic research and education in advanced manufacturing.

**LIMIT ON NUMBER OF PROPOSALS PER ORGANIZATION**
An organization may submit only one Consortium proposal.

**KEY DATES**
Internal Letter of Intent Due: May 7, 2015 (by midnight)
Sponsor Proposal Due: July 20, 2015

**SUBMITTING A MANDATORY LETTER OF INTENT**
Faculty members interested in this funding opportunity 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-NSF-15-565”, replacing “LastName” with your last name and “First Initial” with your first initial.
3. Click on the Vault ticket: [https://vault2.northwestern.edu/xythoswfs/webui/_xy-e6497511_1-t_r2jujMHT](https://vault2.northwestern.edu/xythoswfs/webui/_xy-e6497511_1-t_r2jujMHT)
4. Click the Upload button.
5. Click the Browse button and navigate to your file on your hard drive or network.
6. Click the OK button.

Note: You will get a tiny confirmation message upon upload. If you do not see it, you may contact Karen Cielo k-cielo@northwestern.edu for a confirmation.

**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**
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Limited Submissions web site: [http://www.research.northwestern.edu/ord/funding/limited-submissions/](http://www.research.northwestern.edu/ord/funding/limited-submissions/)