

# **The Future of the NNI Invitation to Engage**

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National Nanotechnology Coordinated Infrastructure (NNCI) Annual Conference

Virtual Event 2020

*Vision: A future in which the ability to understand and control matter at the nanoscale leads to a revolution in technology and industry that benefits society.*

Goals:

- Advance a world-class nanotechnology research and development program.
- Foster the transfer of new technologies into products for commercial and public benefit.
- Develop and sustain educational resources, a skilled workforce, and a dynamic infrastructure and toolset to advance nanotechnology.
- Support responsible development of nanotechnology.



The National Academies of  
SCIENCES • ENGINEERING • MEDICINE

CONSENSUS STUDY REPORT

A Quadrennial Review of the  
**NATIONAL NANOTECHNOLOGY  
INITIATIVE**

Nanoscience, Applications,  
and Commercialization





## Request for Information: National Nanotechnology Initiative Strategic Planning

A Notice by the Science and Technology Policy Office on 10/13/2020

**PUBLISHED DOCUMENT**

**AGENCY:**  
Office of Science & Technology Policy (OSTP).

**ACTION:**  
Request for information.

**SUMMARY:**  
The National Nanotechnology Coordination Office (NNCO), on behalf of the Nanoscale Science, Engineering, and Technology (NSET) Subcommittee of the National Science and Technology Council (NSTC), seeks public input to inform the development of the 2021 National Nanotechnology Initiative (NNI) Strategic Plan. A restructuring of the NNI is under consideration, and the NSET Subcommittee seeks feedback from the community to help identify effective mechanisms, strategies for communication, and priority topics to shape the future directions.

**DATES:**  
Responses are requested by 11:59 p.m. ET on November 9, 2020. Input received after this date may not be considered.

**ADDRESSES:**  
Responses should be submitted via email to [NNIStrategicPlanning@nnco.nano.gov](mailto:NNIStrategicPlanning@nnco.nano.gov) and include "RFI Response: NNI Strategic Planning" in the subject line of the message.

*Instructions:* Response to this RFI is voluntary. Respondents need not reply to

**DOCUMENT DETAILS**

**Printed version:**  
[PDF](#)

**Publication Date:**  
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**Agency:**  
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- Mechanisms
- Communication
- Topics

## Supporting Information for the NNI Strategic Planning RFI

The Nanoscale Science, Engineering and Technology (NSET) Subcommittee [seeks public input](#) to inform the development of the 2021 National Nanotechnology Initiative (NNI) Strategic Plan. A restructuring of the [NNI](#) is under consideration, and the NSET Subcommittee seeks feedback from the community to help identify effective mechanisms, strategies for communication, and priority topics to shape the future directions for the initiative. Full information on the Request for Information (RFI), including detailed instructions, is available [here](#). Responses are requested by November 9th, 2020, at 11:59 pm ET. Please submit responses via email to [NNIStrategicPlanning@nnco.nano.gov](mailto:NNIStrategicPlanning@nnco.nano.gov) and include "RFI Response: NNI Strategic Planning" in the subject line.

This page provides additional points for consideration, as well as links to relevant background information and resources. Should the community have questions related to the RFI, this page may be updated with clarifying questions and corresponding answers.

To aid the development of the Strategic Plan, five interagency teams have been formed focused on world-class research, commercialization, research infrastructure, education and workforce development, and responsible development. The strategic planning teams identified additional points for consideration that may be helpful as you respond to the RFI:

### R&D

- The NNI R&D portfolio is exceptionally broad, ranging from foundational research to nanotechnology-enabled devices, applications, and systems. Agency investments vary based on their mission spaces, but the overall portfolio is diverse, encompassing the full research and development spectrum.
- Mechanisms that support this R&D include grants to single investigators, collaborative research teams, and networks; research centers; and user facilities.
- Models of productive mechanisms and partnerships that have been employed around the world to support R&D efforts that may be useful for the strategic planning teams to consider would be of

### Related Resources

- [NNI Annual Report \(NNI Supplement to the President's Budget\): FY 2020 and FY 2019](#)
- [2016 NNI Strategic Plan](#)
- [A Quadrennial Review of the National Nanotechnology Initiative: Nanoscience, Applications, and Commercialization](#)
- [Funding Programs: Fostering Commercialization of Nanotechnologies](#)
- [Frequently Asked Questions for Business](#)
- [NNI R&D User Facilities](#)
- [Educational Resources](#)
- [Environmental, Health, and Safety Implications of Nanomaterials](#)
- [Networks and Communities](#)
- [The NNI Family of Podcasts](#)
- [NanoTube – the NNI YouTube Channel](#)
- [NNI Public Webinars](#)

# NextTech Student Network

Nano and Emerging Technologies Student Network

**NextTech Student Network Webinar Series**



September 30th at 4:00 p.m. EDT  
Zoom ID: TBD

**Fellowship Opportunities through the Army Research  
Lab Research Associateship Program**  
Presented by Krystle Wagemann

New! Network-wide Webinar Series



Student Leaders Conference





## Welcome to the NextTech Student Network!

Learn more about NextTech!



Annual Student Leaders Conference



Events and Professional Development



### Contact NextTech

Do you have a student group dedicated to raising awareness of nano and emerging technologies? If not, are you interested in starting one at your school? To join the conversation, email [nanoed@nnco.nano.gov](mailto:nanoed@nnco.nano.gov).



# NextTech

Student Network

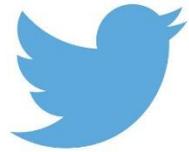


### Participating Organizations

NextTech is made up of groups from around the country! Click on each organization to learn more!



Follow NNI on Social Media!



**Twitter: @NNInanoneWS**



**LinkedIn: National Nanotechnology Initiative**

THANK YOU.

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