



NRC NEWS

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NRC Panels Make Recommendations for Awarding Research and Development Grants

As part of the \$16 million appropriated by Congress in fiscal year 2020 under the Integrated University Program authorization, Nuclear Regulatory Commission panels peer-reviewed 141 research and development grant proposals. Based upon the panels' recommendations, the NRC anticipates that 15 research and development proposals will receive award funding totaling more than \$7 million. The final determination will be made by the NRC's Office of Nuclear Regulatory Research.

This is the first year the NRC has offered a research component under the IUP, which provides funding to support research and development for nuclear science, engineering, technology and related disciplines. The intent of the grants is to develop a workforce capable of supporting the design, construction, operation, and regulation of nuclear facilities, and the safe handling of nuclear materials.

The NRC panels have recommended the following awards:

Institution Name	State	Technical Area	Amount of NRC funds
Georgia Institute of Technology	Georgia	Thermal Hydraulics Analysis	\$ 499,927.00
Kansas State University	Kansas	Structural and Geotechnical Evaluations	\$ 418,161.00
North Carolina State University	North Carolina	Thermal-Hydraulic Verification and Validation	\$ 500,000.00
Oregon State University	Oregon	Cybersecurity Research	\$ 500,000.00
Rensselaer Polytechnic Institute	New York	Fuels and Neutronics Analysis	\$ 500,000.00
Texas A&M University	Texas	Thermal-Hydraulic Analysis	\$ 500,000.00
Texas A&M University	Texas	TRACE Code Development and Maintenance	\$ 450,000.00
University of Illinois	Illinois	Materials Degradation, Analysis and Mitigation Techniques	\$ 500,000.00
University of Maryland	Maryland	Risk Analysis Research	\$ 383,061.00
University of Maryland	Maryland	Human Reliability Analysis Methods	\$ 500,000.00
University of Michigan	Michigan	Thermal-Hydraulic Verification and Validation	\$ 500,000.00
University of Nevada - Reno	Nevada	Storage (Dry Cask, Transportation)	\$ 499,912.00
University of Southern California	California	Storage (Dry Cask, Transportation)	\$ 500,000.00
University of Wisconsin	Wisconsin	Accident Tolerant Fuels (ATF)	\$ 500,000.00
Virginia Polytechnic Institute	Virginia	Thermal-Hydraulic Analysis	\$ 499,517.00
Total Awards			\$7,250,578.00

The NRC announces grant opportunities on www.grants.gov, which enables the public to find and apply for federal funding opportunities. Panels of reviewers, from academia and the NRC, evaluate the grant proposals. The composition of the panels are diverse, with most panelists having experience reviewing proposals for government agencies and advanced credentials in nuclear engineering, health physics, radiochemistry or related disciplines. All panelists must certify no conflict of interest for the proposals they evaluate.

The remainder of the FY2020 IUP funds will be allotted for scholarships, fellowships, trade schools/community colleges and faculty development and awarded by the end of April 2021. The final research and development grant awards will be posted later this year on the NRC [website](#).