

NEWS

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Announcements

New ERAD Contacts And Grants Specialist

Engineering Research Administration is pleased to announce the addition of Rachel Giambona to our team. Rachel, who joined ERAD as a contracts and grants specialist on September 3rd, will now help process the important work of Auburn University researchers. Rachel is a native of Toms River, NJ and she completed her undergraduate degree at Florida Atlantic University. She loves crocheting, music, and nature, and she is eager to assist faculty with proposals and awards. We are excited to have Rachel join the team.



Limited Submission

Limited submission places a limit on the number of proposals that can be submitted to a sponsor by Auburn. Limited submissions are coordinated by Auburn through sending out a notification in the Funding Focused Newsletter and creating competitions in the [Auburn University Competition Space](#) (InfoReady). To find requirements visit the general list in the [Limited Submission Procedures page](#). It is recommended to go to the specific competition directly and review the requirements to ensure that preparation is made for what is requested since required information for the competitions may vary.

If you have found a limited submission opportunity that interests you, contact the [PSFS office](#), and copy for ERAD, promptly to ensure that a competition can be created in a fair and timely manner.

- DOE EPSCoR Implementation Grants (Internal deadline September 24, 2024)
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Funding Opportunities

Engineering for Civil Infrastructure (ECI)

Division of Civil, Mechanical and Manufacturing Innovation (CMMI), Directorate for Engineering (ENG), National Science Foundation (NSF)

Full proposals accepted anytime

Areas of Interest: Civil Engineering, Architectural Engineering, Biometrics, Materials Engineering, Structural Engineering

The Engineering for Civil Infrastructure (ECI) program supports fundamental research in geotechnical, structural, materials, architectural, and costal engineering. ECI promotes research that can shape the future of the nation's physical civil infrastructure and that can contribute to climate change adaptation, mitigation, hazards, and disaster resilience. The ECI program supports research on civil infrastructure that contributes to the National Science Foundation's role in the National Windstorm Impact Reduction Program (NWIRP) and the National Earthquake Hazards Reduction Program (NEHRP).

PIs are encouraged to leverage computational modeling and simulation, and data resources in their research to accelerate advances needed for reducing the impacts of natural hazards on civil infrastructure. ECI does not support research that investigates explosions and blasts, addresses natural resource recovery or exploration, focuses on hazard characterization and sensors, or develops measurement technologies.

Read more about this funding opportunity [here](#).

Communications, Circuits, and Sensing-Systems (CCSS)

National Science Foundation (NSF), Directorate for Engineering (ENG), Division of Electrical, Communications and Cyber Systems (ENG/ECCS)

Full proposals accepted anytime

Areas of Interest: Systems Engineering, Computer Engineering, Information Science or Systems

The Communication, Circuits, and Sensing-Systems (CCSS) Program supports innovative research in circuit and system hardware and signal processing techniques. This program's goal is to create new hybrid and complex systems ranging from nano- to micro-scale with innovative engineering principles and solutions for a variety of applications including but not limited to healthcare, medicine, environmental and biological monitoring, communications, homeland security, manufacturing, disaster mitigation, intelligent transportation, smart buildings, and energy.

Supports research on circuit and system hardware and signal processing techniques in the following areas:

- RF Circuits and Antennas for Communications and Sensing
- Communication Systems and Signal Processing
- Dynamic Bio-Sensing Systems

CCSS invests in micro- and nano-electromechanical systems (MEMS/NEMS), physical, chemical, and biological sensing systems, Neurotechnologies, and communication and sensing circuits and systems.

Read more about this funding opportunity [here](#).

Funding Strategies

FY25 House Spending Bills Overview

The House Commerce, Justice, Science, and Related Agencies (CJS) Subcommittee reported out their bill that funds a variety of research-related agencies in late June. Exceptions to the Committee's effort to reduce federal spending include targeted investments to ensure the United States remains the international leader in space, research, and technology development.

Funding to advance American leadership in space and develop science and technology to maintain dominance over China include:

- **National Science Foundation:** will receive an increase in funding by 198,640,000 above FY24 which allots a total of \$9.258 billion dollars, a 2.2 percent increase from the FY24 enacted level. The STEM Educational Directorate will be cut by nearly 15 percent with the goal of supporting development of national innovation through EPSCoR and Regional Innovation Engines program, safeguarding American research enterprise from China's influence, and increasing funding for space operations.
- **National Aeronautics and Space Administration:** will receive an increase in funding for \$404,640,000 above FY24 with the intent to provide for increased development of the Space Launch System and other large projects, funding for critical science missions which advance solar system knowledge, improvement of aircraft efficiencies and innovation, and increase funds for Space Operations to maintain current Space Station services.

The total funding allocation for the CJS bill is \$78.288 billion which is a 2 percent cut below FY24 allocation. 2025 House CJS Bill budget (as of June 2024):

- **Office of Science and Technology Policy:** 30 percent cut to the White House Office of Science and Technology Policy (OSTP) establishing the new budget at \$5.5 million dollars.
- **National Institutes of Health:** will receive \$48.581 billion dollars which matches the FY24 funding. The 27 NIH institutes will be consolidated into just 15, few details about this consolidation have been released.
- **Institutes of Educational Science:** \$740.4 million dollars have been allotted for IES which is a 6.6 percent decrease below FY24 and 9.2 percent below Administration request.
- **Centers for Disease Control and Prevention:** will experience a 20 percent cut making the allotted amount \$7.4 billion dollars (24 percent below the President's request).

Read more about the FY25 House Research Spending Bills on page 27-29 [here](#).

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