

NEWS

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Announcements

Auburn Engineering Launches AUSME Portal

Auburn Engineering recently launched the Auburn University Subject Matter Experts (AUSME) Portal. The portal allows users to type in keywords (for example: Additive Manufacturing) and find subject matter experts in that field.

Visit the site [here](#).

ERAD Holiday Schedule

Auburn University will be closed for the Thanksgiving break from Wednesday November 27 – Sunday December 1. For any proposals that need to go out during that time period or the Monday/Tuesday immediately after, materials should be shared with ERAD by Friday, November 22, 2024.

For the Holiday Break, Auburn University will be closed from Saturday December 21, 2024 – Sunday January 5, 2025. For any proposal with submission dates of January 6-8, please submit budgets by Friday, December 20th. If you have a proposal that needs to be submitted during the break, please notify ERAD by December 18th.

Funding Opportunities

Electronics, Photonics, and Magnetic Devices (EPMD)

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

Continuous Proposals Accepted

Areas of Interest: Bioelectromagnetics, Electrical Engineering or Electronics, Electronic Devices, Materials, Nanotechnology, and Solar Energy

Electronics, Photonics, and Magnetic Devices (EPMD) supports research on novel devices based on the principles of electronics, optics and photonics, optoelectronics, magnetics, opto- and electromechanics, electromagnetics, and related physical phenomenon.

The goal of EPMD is to advance the frontiers of micro-, nano-, and quantum-based devices operating within the electromagnetic spectrum and contributing to a broad range of application domains including information and communications, imaging and sensing, healthcare, internet of things, energy, infrastructure, and manufacturing. EPMD areas of interest are electronic devices, photonic devices, magnetic devices, and cross-cutting technology.

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

Blavatnik National Awards for Young Scientists

Nomination period October 9, 2024 - December 4, 2024

The Blavatnik National Awards honor America's most innovative young faculty-rank scientists and engineers. These awards celebrate the past accomplishments and future potential of young faculty members working in the three disciplinary categories of Life Sciences, Physical Sciences and Engineering, and Chemical Sciences.

For more information visit the US National Awards site [here](#).

Dynamics, Control, and System Diagnostics (DCSD)

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

Continuous Proposals Accepted

Areas of Interest: Cybersecurity, Climate Change, Emergency Planning or Policy, Engineering, and Infrastructure

The Dynamic, Control, and System Diagnostics (DCSD) program supports fundamental theoretical, computational, and experimental research that is knowledge-driven or inspired by applications, focusing on the modeling, analysis, diagnostics and control of the dynamic behavior of the systems. The DSCD program encourages PIs to request and justify the amount of financial support necessary to achieve the proposed research.

Proposals submitted to the DSCD program should articulate how the proposed work advances knowledge in at least one of the following foundational areas:

- **Modeling:** mathematical frameworks to understand and predict the behavior of dynamic systems.
- **Analysis:** theoretical and computational tools for discovery and exploration of salient properties of dynamic systems.
- **Diagnostics:** methods to relate underlying causes to observed behaviors of dynamic systems.
- **Control:** methods to produce desired behavior, or mitigate undesired behavior, in dynamic systems.

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

Funding Strategies

NIH Grant and Funding Writing Tips

Writing strategies are key for improving the efficiency and enjoyability of the proposal writing process. Below are some tips that will enable smoother proposal development and ways to increase readability after completing the first draft.

Tip 1: Ensure Project Goals are Realistic and Clear

Organize writing around the specific aims of the proposal instead of writing without clear goals and directions. This will allow the proposal writing process to revolve around its aims instead of having to check to make sure they are included at the end.

Tip 2: Stay Organized

Reviewers are accustomed to finding specific information in specific places. Organizing information creates an efficient evaluation process and ensures reviewers are not having to hunt information.

Tip 3: Write with Clear and Concise Language

Writing should be clear so reviewers can read the proposal and understand it fully. Applications that are well-written have a better chance of getting accepted.

Tip 4: Your Primary Audience is Reviewers

Try to capture the attention of the peer-review group by making a strong case for why the proposal should be selected. Each reviewer reading the proposal gets one vote. Reviewers will likely consist of experts and non-experts, so write for both audiences.

Tip 5: Self-Edit

Read drafts with fresh eyes, try to improve content flow, and have zero tolerance for grammatical and formatting errors. Read the proposal aloud and check it with the peer-review criteria for the given funding opportunity notice.

Tip 6: Ask for Help and Comments

Utilize experienced peers to proof read review proposal content. Ask for feedback on content flow and for checking of grammar and spelling. Recognize that feedback could improve critical parts of the proposal, decrease errors, and increase readability.

Visit the NIH recently launched [NIH Grants and Funding Website](#)

For more information read pages 19-22 of the Research Development and Grant Writing Newsletter [here](#).

Adapted from the October 2024 edition of the Research Development and Grant Writing Newsletter

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