

From Labs to Lives

How Research Funding Solves Real-World Problems

Federally Funded Research Advancing Neuroscience and Science Communication

Understanding how our nervous system processes sensations is key to developing better treatments for chronic pain and neurological disorders. Theanne Griffith, a UC Davis School of Medicine researcher, is exploring how sensory neurons transmit signals, focusing on proteins important for neuronal communication.

Helping Humanity

This research is advancing our understanding of pain pathways and nervous system function, and how medical treatments can lead to painful peripheral neuropathy in patients. These advancements may enable medical scientists to better customize treatment regimens for especially sensitive patients. Without continued federal funding, progress in sensory neuroscience and public science literacy could slow, limiting new treatments and reducing access to critical scientific knowledge. Sustained support is vital to driving innovation and inspiring the next generation of researchers.

// *Peripheral neuropathies are painful conditions induced by a variety of things, including chemotherapy. One of the federally funded projects in my lab aims to understand how chemotherapy drugs lead to pain or peripheral neuropathy. That grant is now at risk of losing future funding, hampering my ability to conduct this research.”*
— Theanne Griffith, Ph, D.



Theanne Griffith, Ph.D.

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Pain Management in Cancer Patients

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