

The Faculty Research Funds Committee is responsible for making funding recommendations to the Vice President for Research for three competitive grant programs that support UMaine faculty research and scholarship. The committee is also responsible for reviewing nomination materials and making a recommendation for the annual Presidential Research and Creative Achievement Award.

The AY 18-19 Faculty Research Funds Committee roster was as follows:

- Kate Beard-Tisdale, Professor, School of Computing and Information Science
- Lee Karp-Boss, Associate Professor, School of Marine Sciences
- Beth Calder, Associate Extension Professor and Food Science Specialist
- Stephen Gilson, Professor of Social Work
- Sebastian Lobe, Associate Professor of Finance
- Paul “Jim” Roscoe, Professor of Anthropology
- Open seat (College of Education and Human Development)
- Open seat (College of Engineering)

Applications were assigned to committee members to independently review and comment on ahead of discussion meetings. The committee met in person/via Zoom on the following occasions to conduct its business:

**October 23, 2018** - Regular Faculty Research Funds applications discussion

**November 13, 2018** - Scholarly Materials and Equipment Funds applications discussion

**March 7, 2019** - Presidential Research and Creative Achievement nominees discussion

**April 18, 2019** - Summer Faculty Research Funds applications discussion

In AY 18 -19, the committee reviewed 26 applications during the course of the academic year, making 9 awards within the three established competitive grant programs totaling \$67,344.

#### Committee Membership

The committee is composed of up to eight faculty members (2 NSFA; 2 CLAS; 1 MBS; 1 EDU; 1 ENG; and 1 Cooperative Extension) and Jason Charland, Director of Research Development, facilitates the work of the committee.

## AY 17-18 Faculty Research Funds Awardee Stories

### Collaborative team translates traditional Penobscot language tales into bilingual book

Penobscot language at risk of being extinguished is revitalized with modern-day translations in story-telling. The stories passed down from one generation to the next are vital sources of shared culture, age-old wisdom and the ability to reconnect with a precious heritage. When people no longer share these stories in their own language, they surrender one [...]

<https://umaine.edu/research/2018/12/03/team-translates-tales/>



### Research to bridge the gap between partner abuse and substance use disorders

In the United States, it's estimated more than 20 million people age 12 and older have a substance use disorder and more than 10 million women and men experience partner violence. While these issues are often addressed separately, studies show most people affected by partner violence or substance abuse also have needs related to the [...]

<https://umaine.edu/research/2018/11/05/research-to-bridge-the-gap-between-partner-abuse-and-substance-use-disorders/>



### 3D computer modeling simulates impacts, depicts most efficient arrangement for tidal turbines

Around the world, energy producers are looking for the most reliable and efficient means for generating renewable energy through sustainable practices. Turbines using water currents to power communities is one of these methods. The problem: deciding where and how to place turbines to generate power while limiting their effect on the surrounding environments. That's where [...]

<https://umaine.edu/research/2018/10/01/tidal-turbines-research-computer-model/>



### Older adults could hold the key to unlocking the ability to regulate sad mood

As people age, it is common to see a degree of decreased physical and cognitive abilities. One ability that improves with age: managing negative emotions. According to Emily Haigh, an assistant professor of psychology at the University of Maine, studies show older adults have an enhanced ability to manage their emotions as they age. She [...]

<https://umaine.edu/research/2018/08/31/older-adults-could-hold-the-key-to-unlocking-the-ability-to-regulate-sad-mood/>



### DePoy's passion fuels research about aging Maine farmers

The unique aspects of Elizabeth (Liz) DePoy's horse farm, Chapter Three Farm, in Newburgh, Maine are not immediately noticeable. Equipment is lined up neatly along the walls. Hay is stacked in convenient locations. There are the usual sounds of shovels cleaning stalls and horses chomping their mid-day meal. DePoy and her husband, Stephen Gilson, exchange [...]

<https://umaine.edu/research/2018/08/06/depoys-passion-fuels-research-about-aging-maine-farmers/>



### Sporer uses Twitter to research criminological behavior online

Not all research takes place in a lab with petri dishes and microscopes ... Karyn Sporer uses Twitter to investigate criminological theory. In the modern era of social media, more than 300 million people use Twitter to share news and engage in online conversations. This provides a glimpse into the minds of a diverse public [...]

<https://umaine.edu/research/2018/07/02/sporer-uses-twitter-to-research-criminological-behavior-online/>

