



**TAMEST** *Texas Academy of Medicine,  
Engineering, Science & Technology*

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# 2024

## Edith and Peter O'Donnell Awards

### Nomination Guide

Medicine, Engineering,  
Biological Sciences,  
Physical Sciences



## About

The O'Donnell Awards in Medicine, Engineering and Science were established in 2006 to recognize rising Texas researchers who are addressing the essential role that science and technology play in society and whose work meets the highest standards of exemplary professional performance, creativity and resourcefulness.

In 2008, TAMEST added the O'Donnell Award in Technology Innovation to recognize individuals or research teams from industries who have made a major innovative technological discovery that has the potential for making a positive impact on society.

In 2023, the program expanded to create a secondary science award. The annual awards now recognizes recipients in Medicine, Engineering, Biological Sciences, Physical Sciences and Technology Innovation categories. Previously, the TAMEST O'Donnell Awards rotated its science award between physical and biological sciences in alternating years.

Award recipients will be honored at the TAMEST 2024 Annual Conference in Austin, where they will present their research to attendees and receive a \$25,000 honorarium and medal.

## Call for Nominations for the 2024 Edith and Peter O'Donnell Awards

TAMEST is now accepting nominations for the 2024 O'Donnell Awards in five categories:



**MEDICINE**



**BIOLOGICAL SCIENCES**



**ENGINEERING**



**PHYSICAL SCIENCES**

**TECHNOLOGY INNOVATION**

*(Please refer to the Technology Innovation Award Nomination Guide)*



## Nomination Guidelines

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### Nomination Categories

Nominators must choose only one category (medicine, engineering, biological sciences or physical sciences) to designate their nominee. The O'Donnell Awards Selection Committee reserves the right to move a nominee into a different category if they feel the nomination is more suitable for that category.

### Re-nomination of Candidates from Previous Years

All nominees will be automatically renominated for the following two years after the initial nomination (if the nominee meets all eligibility requirements). If a Nominator would like to withdraw a nominee, they may contact TAMEST staff to do so.

### Research Teams

Research teams may be nominated in any category. In instances where a research team is selected to receive an award, the \$25,000 honorarium will be divided evenly among the team members and each will receive a citation and medal.

### Nominator Requirements

Qualified nominators include TAMEST members, university presidents, chancellors, provosts, deans, vice presidents for research, department chairs and past O'Donnell Awards recipients.

## Medicine, Engineering and Sciences Awards Eligibility Requirements

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- Nominees must be within 15 years of their first faculty appointment at the time the awards are given. The 2024 O'Donnell Awards will be presented at the TAMEST Annual Conference in Houston.
- Nominees must have spent the past two years performing research in Texas.
- For team nominations, all team members must meet award eligibility requirements.

## Technology Innovation Award

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For information on the Technology Innovation Award, please refer to the Technology Innovation Nomination Guide.

## Selection Process

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A committee of TAMEST members will evaluate nominations and select finalists in consultation with a panel of National Academies members from outside of Texas and a committee of Texas Nobel Laureates. TAMEST's Board of Directors provides final approval of the award recipients.

## Required Materials

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*(see next page for more details)*

- Nominee application form
- Nominator statements: 250-word statement and
- 50-word summary
- Nominee biosketch and research bibliography
- A list of five (5) of the most important research publications with the highest number of citations and a link to an electronic PDF version of each research publication
- Three (3) letters of support

## Content Guidelines

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Instructions for preparing nominations are meant to serve as guidelines. TAMEST encourages nominators to be innovative in presenting candidate accomplishments. The committee is looking for substantiation of achievements as well as the significance of nominee's accomplishments. Please include information regarding how the nominee helps train and mentor the next generation of scientists.

The application and letters of support must be received by April 30, 2023.



# Nomination Information Requirements

**The information provided in the nomination materials is crucial to the evaluation of the nominee's achievements. The following components are required to complete the nomination packet:**

**1. A statement from the nominator (approximately 250 words) defining:**

- the field(s) in which the nominee excels and/or is demonstrating exceptional potential;
- the particular discoveries or technological developments; and
- the impact or potential impact supported by relevant metrics.

**2. A summary statement (50 words or less) from the nominator.**

**3. Full biographical sketch including:**

- a summary of education, employment, honors and awards including recognition or awards received from the nominee's employer;
- a summary of the nominee's research interests and activities, including (where applicable) information on grant support (titles, sources and duration) and the role of the nominee in each grant;
- a synopsis of the nominee's discoveries and research contributions; and
- statistics on papers, books and reports.

**4. A complete bibliography**, including a separate list and electronic PDFs of five (5) of the most important research publications with the most citations. Please include the digital object identifier number (DOI) or a URL to an online PDF version of the documents.

**5. Three letters of support** from researchers in the nominee's field from institutions or organizations other than the nominee's current institution or organization. Letters of support should be no longer than two pages.

The supporting letters should be emailed independently and directly to TAMEST at [tamest@austin.utexas.edu](mailto:tamest@austin.utexas.edu). Contact information for the letters of support should be included in the application form.

## Deadline for Submission of Nomination Materials

**All nomination materials, including letters of support, must be received in electronic format by April 30, 2023.**

**FOR INFORMATION, PLEASE CONTACT THE TAMEST OFFICE:**

**Stephanie Shaw at 512.471.3823 or [stephanie.shaw@austin.utexas.edu](mailto:stephanie.shaw@austin.utexas.edu)**