

YALE UNIVERSITY ▾ LIMITED SUBMISSION INTERNAL COMPETITION
THE DAVID & LUCILE PACKARD FOUNDATION
Fellowships for Science & Engineering 2019

DEADLINES

Expressions of Interest (PI, Department, Project Title) due January 16, 2019 *(required)*

Internal Application deadline: January 24, 2019

Sponsor deadline: April 19, 2019 – sponsor deadline

SPONSOR'S WEBSITE

Program Information Page:

<https://www.packard.org/what-we-fund/science/packard-fellowships-for-science-and-engineering/>

2018 Guidelines and Fellowship Advisory Panel

<https://www.packard.org/wp-content/uploads/2018/12/2019-Packard-Fellowship-Guidelines.pdf>

Fellowship Recipient Directory:

<https://www.packard.org/what-we-fund/science/packard-fellowships-for-science-and-engineering/fellowship-directory/>

FUNDING

\$175,000 per year for 5 years. (Total: \$875,000)

NOMINATION LIMITATION

Yale University may nominate two candidates.

PURPOSE

Packard Fellows are inquisitive, passionate scientists and engineers who take a creative approach to their research, dare to think big, and follow new ideas wherever they may lead.

The Packard Foundation invests in future leaders who have the freedom to take risks, explore new frontiers in the fields of study, and follow uncharted paths that may lead to groundbreaking discoveries.

Awards are given to unusually creative researchers within the first three years of their faculty careers. The Foundation emphasizes support for innovative individual research that involves the Fellows, their students, and junior colleagues, rather than extensions or components of large-scale, ongoing research programs. Fellowships are directed to researchers working in fields which are not yet generously supported.

Areas that already have access to relatively generous funding (for example, clinical research, research associated with the design and construction of large national facilities such as accelerators and space stations, and applied research of direct relevance to national security), will not be supported by the Foundation. Research in the social sciences will not be funded.

Similarly, faculty members working in any eligible field who are well-established and well-funded are less likely to receive the award.

ELIGIBILITY

- Candidates must be faculty members eligible to serve as principal investigators.
- Candidates must be within the first three (3) years of their faculty careers. The candidate's initial faculty appointment should have begun no earlier than May 31, 2016 and no later than May 31, 2019.
- Candidates must be **engaged in research in the natural and physical sciences or engineering.** Disciplines that will be considered include: physics, chemistry, mathematics, biology, astronomy, computer science, earth science, ocean science, and all branches of engineering.

(continued on page 2)

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PAST RECIPIENTS NOMINATED by YALE:

2017 Nir Navon (Physics) • 2016 Noah Planavsky (Geology & Geophysics) • 2015 Peter Rakich (Applied Physics) • 2013 Liang Jiang (Applied Physics)
2012 Rong Fan (Biomedical Engineering) • 2011 Seth Herzon (Chemistry) • 2009 Hong Tang (Electrical Engineering)
2007 Alexey Fedorov (Geology & Geophysics) • 2004 Daniel McKinsey (Physics) • 2002 David Evans (Geology & Geophysics)
2001 Charles Ahn (Applied Physics) • 2000 Robert Schoelkopf (Applied Physics) • 1999 David DeMille (Physics)
1998 Ronald Breaker (Molecular, Cellular & Developmental Biology) • 1997 Robert Grober (Applied Physics) • 1992 Patrick Vaccaro (Chemistry)
1990 Alanna Schepartz (Chemistry) • 1988 Michael Caplan (Physiology)

INTERNAL COMPETITION INSTRUCTIONS

Submit *Expressions of Interest* and *Internal Applications* to: internal.proposals@yale.edu, cc: melanie.smith@yale.edu

Expressions of Interest deadline: January 16, 2019 (required) Submit: PI Name, Department, Tentative Project Title

Then, continue on to prepare your internal application.

Internal Application deadline: Thursday, January 24, 2019, 5:00pm. (no exceptions)

For this internal competition, submit the following as a single PDF:

1. Complete the Scholar Awards face page at <http://your.yale.edu/node/9391>.
2. Letter of recommendation from your department chair. (see Foundation's [guidelines](#), page 3)

The letter should:

- describe first-hand knowledge of the applicant's ability to do creative research.
- emphasize information not available in other letters of recommendation.
- address explicitly the impact that the Packard award would have on the career of the applicant.

On a separate page, please comment on the strength of the applicant's external references.

3. A research statement describing why the research is important and outlining your general goals for the next five years. Please follow the Packard format outlined in the Foundation's [guidelines](#) (page 3).

4. Up-to-date Curriculum Vitae (CV).

5. The names of four external references. At least one referee must be a person who has not had supervisory or collaborative contact with the applicant.

For each referee, please include:

- a brief biography of the referee and indicate your relationship to the referee
- list employment history and awards/ honors received
(former Packard Fellow, member of National Academy, etc.)

Internal proposals will be evaluated on: ▪ the impact and strength of the proposed research; ▪ how well the proposal meets the Packard Foundation's stated criteria; ▪ the qualifications of the named external references; and ▪ the strength of the chair's letter of recommendation.

Successful proposals have the following characteristics:

- The proposal explains clearly why the idea is out of the box, risky and innovative i.e. the kind of idea that will generate discussion amongst panel members).
- The work and its significance are put in context of the larger field.
- The proposal is ACCESSIBLE to a group of very successful scientists from a diverse set of fields (i.e. STAY AWAY FROM FIELD-SPECIFIC JARGON)
- The proposal lists high impact referees who will be able to emphasize how the Fellowship will make a significant impact on the nominee's career and how it will make that difference for them.

FOR FURTHER INFORMATION, CONTACT:

Melanie.Smith@Yale.edu • Office of Sponsored Projects • Yale University • 785-4978

Last update: January 4, 2019