

# SLOAN RESEARCH FELLOWSHIPS

chemistry

computer science

economics

mathematics

neuroscience

ocean sciences

physics

computational & evolutionary  
molecular biology

**NOMINATION DEADLINE**

September 15, 2014

# Selection Committees

## Chemistry

**Karen I. Goldberg**, University of Washington

**Sharon Hammes-Schiffer**, U of Illinois, Urbana-Champaign

**Scott J. Miller**, Yale University

## Computational & Evolutionary Molecular Biology

**Bonnie Berger**, MIT

**Andrew G. Clark**, Cornell University

**Stephen Mayo**, CalTech

## Computer Science

**Jitendra Malik**, UC Berkeley

**Margo I. Seltzer**, Harvard University

**Éva Tardos**, Cornell University

## Economics

**Esther Duflo**, MIT

**Jonathan Levin**, Stanford University

**Robert Shimer**, University of Chicago

## Mathematics

**Tomasz S. Mrowka**, MIT

**Karl Rubin**, UC Irvine

**Margaret H. Wright**, New York University

## Neuroscience

**Dora E. Angelaki**, Baylor College of Medicine

**Lynn Landmesser**, Case Western Reserve Univ.

**Leslie B. Vosshall**, Rockefeller University

## Ocean Sciences

**Barbara Block**, Stanford University

**Nancy Knowlton**, UC San Diego

**Mitchell Sogin**, Brown University

## Physics

**Evelyn Hu**, Harvard University

**Ann E. Nelson**, University of Washington

**Ethan T. Vishniac**, University of Saskatchewan

## The Sloan Research Fellowships

This year the Alfred P. Sloan Foundation will award \$50,000 fellowships to 126 early-career scientists for use in their research. Nominated by department chairs, senior researchers and other leaders in the scientific community, the Sloan Research Fellows represent the next generation of top scholars in the sciences, economics, and mathematics. Since 1955 when the program began, 42 Sloan Research Fellows have gone on to win Nobel Prizes, 63 have been awarded the National Medal of Science, 17 have won the Fields Medal in mathematics, 14 have won the John Bates Clark medal in economics and hundreds have received other prizes, recognitions, awards and honors for their research accomplishments.

Funds from the Sloan Research Fellowships are awarded directly to the Fellow's institution and may be used over a two-year period by the Fellow for any activity supportive of the Fellow's research, such as equipment, technical assistance, professional travel, or trainee support.

## Fields

Sloan Research Fellowships are awarded for research in the following eight fields:

**Chemistry (23)**

**Neuroscience (16)**

**Computer Science (16)**

**Ocean Sciences (8)**

**Economics (8)**

**Physics (23)**

**Mathematics (20)**

**Computational and Evolutionary Molecular Biology (12)**

Numbers in parentheses represent annual fellowships awarded in each field. Candidates with appointments in other departments are eligible for nomination.

**\*\*Note:** The Committee may make exceptions for candidates who were awarded their Ph.D. prior to Sept. 1, 2008 if their careers were disrupted due to military service, child-rearing, or a change of field. The Committee may also make exceptions for candidates who are currently serving in their first faculty position and who were appointed to that position on or after Sept. 1, 2012.

## Eligibility

- ▶ Candidates must hold a Ph.D. (or equivalent) in chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, physics, or a related field;
- ▶ Candidates must hold a tenure track (or equivalent) position at a college, university, or other degree-granting institution in the United States or Canada. Tenure track positions faculty positions at the candidate's institution must include a yearly teaching requirement;
- ▶ Candidates' most recent Ph.D. must have been awarded on or after September 2008. \*\* (Exceptions apply. See footnote.)

## Nomination

Candidates must be nominated by department heads or other senior researchers. Submissions unaccompanied by a nomination from a senior researcher are not accepted. More than one candidate from a department may be nominated, but no more than three.

The following materials must be submitted for an eligible candidate to be considered for a Sloan Research Fellowship.

- ▶ A letter from a department head or other senior researcher officially nominating the candidate and describing his or her qualifications, initiative, and research;
- ▶ The candidate's curriculum vitae;
- ▶ A list of the candidate's scientific publications;
- ▶ Two representative articles by the candidate;
- ▶ A brief (one-page) statement by the candidate describing his or her significant scientific work and immediate research plans;
- ▶ Three letters from other researchers (preferably not all from the same institution) written in support of the candidate's nomination.

Nominated candidates are normally below the rank of associate professor and do not hold tenure, but these are not strict requirements.

In keeping with the Alfred P. Sloan Foundation's longstanding support of underrepresented minorities in the sciences, the Foundation strongly encourages the nomination of qualified women and minority candidates.

To begin the online nomination and submission process, visit [www.sloan.org/fellowships](http://www.sloan.org/fellowships).

## Deadline

To be considered for a Sloan Research Fellowship, eligible candidates must complete the online nomination and submission process **no later than September 15, 2014**.

To begin the online nomination and submission process, visit [www.sloan.org/fellowships](http://www.sloan.org/fellowships)

## Selection

Candidates are reviewed and selected by a committee of distinguished scientists in each eligible field. The committees review nearly 800 submissions each year. Fellows are selected on the basis of their independent research accomplishments, creativity, and potential to become leaders in the scientific community through their contributions to their field.

## Notification

Selected candidates will be notified in February 2015.

### FOR MORE INFORMATION

Web: [www.sloan.org/fellowships](http://www.sloan.org/fellowships)

Email: [researchfellows@sloan.org](mailto:researchfellows@sloan.org)

Phone: (212) 649-1649

FAQ: [www.sloan.org/fellowships/FAQ](http://www.sloan.org/fellowships/FAQ)



The ALFRED P. SLOAN FOUNDATION is a not-for-profit foundation based in New York City. Founded in 1934 by Alfred P. Sloan Jr., the Foundation funds original research and broad-based education in science, technology, engineering, mathematics, and economics.

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