

## Members of the 2010 Selection Committees

### Chemistry

Karen I. Goldberg, University of Washington  
Scott J. Miller, Yale University  
Mark A. Ratner, Northwestern University

### Computer Science

Alex Aiken, Stanford University  
Deborah L. Estrin, UCLA  
Éva Tardos, Cornell University

### Economics

Daron Acemoglu, MIT  
Esther Duflo, MIT  
Jonathan Levin, Stanford University

### Mathematics

Dusa McDuff, Stony Brook University  
Karl Rubin, UC Irvine  
Margaret H. Wright, NYU

### Molecular Biology (Computational and Evolutionary)

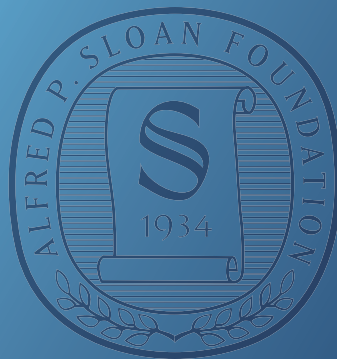
David Baker, University of Washington  
Andrew G. Clark, Cornell University  
Terence Speed, UC Berkeley

### Neuroscience

Catherine E. Carr, University of Maryland  
Michael P. Stryker, UC San Francisco  
Leslie B. Vosshall, Rockefeller University

### Physics

Andrew G. Cohen, Boston University  
Evelyn Hu, Harvard University  
Ethan T. Vishniac, McMaster University



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.

### Alfred P. Sloan Foundation

630 Fifth Avenue, Suite 2550  
New York, NY 10111  
Phone: (212) 649-1649  
Fax: (212) 757-5117

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

## Sloan Research Fellowships

chemistry

computerscience

economics

mathematics

neuroscience

physics

molecular biology

(computational and evolutionary)

1934

NOMINATION DEADLINE

September 15, 2010

## The Sloan Research Fellowships

Each year the Alfred P. Sloan Foundation identifies 118 early-career scientists and researchers of outstanding promise and awards an unrestricted \$50,000 fellowship to each for use in 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 the beginnings of the program in 1955, thirty-eight Sloan Research Fellows have gone on to win Nobel Prizes, 57 have been awarded the National Medal of Science, 17 have won the Fields Medal in mathematics, 8 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 seven fields:

<b>Chemistry (23)</b>	<b>Mathematics (20)</b>
<b>Computer Science (16)</b>	<b>Neuroscience (16)</b>
<b>Economics (8)</b>	<b>Physics (23)</b>
<b>Molecular Biology (12)</b>	
(Computational and Evolutionary)	

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

**\*\*Note:** Eligibility exceptions will be made for candidates who are more than six years from their most recent PhD due to military service, a change of field, or child-rearing responsibilities or who have held a faculty appointment for less than two years. If any of these circumstances apply, a clear explanation should be included in the candidate's nomination letter.

## Eligibility

Candidates for a Sloan Research Fellowship must:

Hold a Ph.D. (or equivalent) in chemistry, physics, mathematics, computer science, economics, neuroscience, computational or evolutionary molecular biology, or a related interdisciplinary field;

Be members of the regular faculty (i.e., tenure track) of a college or university in the United States or Canada;

Normally, be no more than six years from completion of their most recent Ph.D. or equivalent, as of the year of their nomination.\*\*

## Nomination

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

To nominate an eligible candidate, the following materials must be submitted:

A completed nomination form (available online at [www.sloan.org/fellows](http://www.sloan.org/fellows));

A letter from the nominator describing the candidate's qualifications;

Three supporting letters sent directly to the Foundation from other researchers (preferably not from the same institution);

The nominee's curriculum vitae;

A list of the nominee's scientific publications;

One copy of no more than two representative articles by the nominee;

A brief (one-page) statement by the nominee describing his or her significant scientific work and immediate research plans.

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.

## Nomination Deadline

All nomination materials, including all letters of support, must be postmarked to the Foundation **on or before September 15, 2010**. All nomination materials must be submitted both by mail and by email.

Nomination materials should be mailed to:

*Sloan Research Fellowships  
Alfred P. Sloan Foundation  
630 Fifth Avenue, Suite 2550  
New York, NY 10111-0242*

and by email to:

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

## Selection

Nominations are reviewed and candidates selected by a program committee of three distinguished scientists in each eligible field. The committees review more than 600 nominations each year to arrive at a final selection of 118 Fellows. 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 are notified in February.

### 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