April 22, 2021

Dear Colleague,

The National Science Board (Board) requests your assistance in the nomination process for candidates for the eight Board positions that will become vacant on May 10, 2022. I will be grateful if the announcement of these openings on the Board is made known to your members. The nominations period will close on 31 May 2021.

The Board was established by Congress in 1950 and has two important roles. It provides oversight for, and establishes the policies of, the National Science Foundation. It also serves as an independent body of advisors to both the President and Congress on broad national policy issues related to science and engineering research and education. More information on the Board and its current membership can be found at https://www.nsf.gov/nsb/index.jsp.

The 24 Board Members are appointed by the President for 6-year terms, with one-third of the membership renewed every 2 years. The Board is responsible for assembling and transmitting recommendations to the White House for appointments from various scientific, engineering, and educational organizations and societies. Candidates are submitted via the nominations portal. No log-in is required. As noted above, since the appointment process is lengthy, we request that nominations be completed not later than May 31, 2021.

Congress has stipulated that the Board should be composed of broadly experienced individuals of distinguished achievement and representative of a broad range of disciplinary interests. It also draws attention to the need for equitable representation of individuals from underrepresented groups and provides explicit criteria and eligibility requirements for membership on the Board, as described in Sections 4(c) and (d) of the 1950 legislation establishing the Board (enclosed for your reference). The Board, in its review of candidates, also considers the demographics, professional fields, active researchers/teachers and administrators, and industrial representation when making recommendations to the White House. Additional information about this year's solicitation is provided within the attached 'Dear Colleague Letter'.

A list of present Board Members, with their terms of office and affiliations, is also provided for your information. Thank you for your assistance in this important process.

Sincerely,

S. Alan Stern
Chair
Ad hoc Committee on Nominations
NSB Member

Encl:
Dear Colleague Letter
Current NSB Members

National Science Foundation

2415 Eisenhower Avenue • Alexandria, Virginia 22314 • (703) 292-7000 • www.nsf.gov/nsb • email: nationalsciencebrd@nsf.gov

Dear Colleague:

I am writing on a matter of great importance to the nation's science and engineering research and education enterprise, and one for which you and your organization can make a direct and substantial contribution.

The six-year terms of eight Members (one-third) of the National Science Board will expire on May 10, 2022. Given the significance of the Board's role, described below, and the vital activities of your own organization in advancing the progress of research and education, I would be grateful to have your recommendations for highly qualified individuals to serve on the Board. The nomination process is online and is described below.

The National Science Foundation (NSF) Act of 1950 created the Board with 24 Members serving 6-year terms. The NSF Director is an ex officio member. The Act confers on the Board the dual responsibilities of overseeing the activities of and establishing policies for NSF, as well as serving as an advisory body to the President and Congress on policy matters related to science and engineering and education in science and engineering.

The Board is not an honorary board or an advisory committee. It is an oversight and governance board that requires considerable time from Board members to meet their responsibilities. Every two years, the Board solicits recommendations for new members from leading scientific, engineering, and educational organizations, as well as the public, and submits them to the White House for consideration. Members are formally appointed by the President.

The Call for Nominations web portal is open (https://www.research.gov/nomination-web/nominations) and accepting submissions for the Board class of 2022-2028 from now until May 31, 2021.

I encourage you to submit recommended nominations as soon as possible, and wish to call your attention to the three components required:

      1) Letter of recommendation (see information below);

      2) Nominee's biography; and

      3) Nominee's curriculum vitae.

The letter of recommendation needs to address, on a point-by-point basis, the items listed in the box below. Letters failing to provide this information will disadvantage the individual being nominated.

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1) Demonstrated record of distinguished service and the potential for further contributions.

2) Demonstrated performance at the highest level in the scientific, technological, engineering, industrial, public sector, and educational communities, as appropriate for the individual under consideration, as measured by:

   a. outstanding scientific, technological, engineering, or public service credentials;
   b. broadly recognized intellectual contributions, especially those relevant to NSF;
   c. breadth, depth, and understanding of scientific knowledge, and contributions; and
   d. truly exceptional scientific, technological, engineering, industrial, educational, or administrative accomplishments.

3) Firm commitment to devote the time necessary for effectively performing and discharging Board duties. The Board meets five times per year, and numerous activities, including those associated with standing and *ad hoc* committees and task forces, occur between meetings, usually via teleconference but sometimes in person. Consequently, recommendations for nominees must make clear the ability of a candidate to commit the time necessary to be a fully engaged Board member.

4) Demonstrated expertise in specific topics to be engaged by the Board throughout their term, including:
Specific topics for which representation is sought in the Class of 2028

- Cyberinfrastructure and Computational Science expertise

- Private-sector technology management; Translation/Innovation/Partnerships

- Promotion of diversity and Minority Serving Institutions

- Geoscience expertise

- STEM education and the science of learning

- Engineering expertise

Crosscutting topics that represent long-term/persistent issues for NSF and the nation

- Understanding and appreciation of the unique long-term role NSF has played in the support of basic science, engineering, and education research.
- Evolution of the Research & Development (R&D) enterprises.

5) Finally, consideration is given to diversity, including but not limited to gender and ethnic diversity, discipline of expertise, type and size of organizational affiliation, and geographic location. To learn more about the composition of the current Board, please visit http://www.nsf.gov/nsb/members/index.jsp.

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For more information, and to access the Nominations portal to submit a nomination, please visit: http://www.nsf.gov/nsb/members/nominations.jsp. Much more detailed information concerning the Board, its members, and Board activities can be found on the NSB web site, http://www.nsf.gov/nsb.

I welcome your participation in the National Science Board Member nomination process. If you have any questions, please contact Faith Hixson, Legal Administrative Specialist for the National Science Board and Executive Secretary to the *ad hoc* Committee on Nominations in the National Science Board Office at fhixson@nsf.gov or 703.292.7896.

Sincerely,

Ellen Ochoa

Ellen Ochoa
Chair
National Science Board

National Science Foundation

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Member Name	Term expires	M/F	Field	Institution/Organization	Job Title
S. Suresh Babu	2026	M	Mechanical Engineering and Materials Science	University of Tennessee, Knoxville & Oakridge National Lab	Director of Bredesen Center for Interdisciplinary Research and Graduate Education; Governor's Chair of Advanced Manufacturing; and Professor of Mechanical Engineering & Materials Science
Roger Beachy	2026	M	Molecular Biology, Virology	Washington Univ. at St. Louis; and Kultevat Inc.	Professor Emeritus of Biology (WUSTL) and Chief Science Advisor (Kultevat)
Aaron Dominguez	2026	M	Particle Physics	Catholic University of America	Provost and Professor of Physics
Dario Gil	2026	M	Electrical Engineering, Computer Science & Quantum Computing	IBM	Senior Vice President and Director of IBM Research
Melvyn Huff	2026	M	Mathematics	University of Massachusetts, Dartmouth	Professor and Lecturer
Matthew Malkan	2026	M	Astronomy and Astrophysics	University of California, Los Angeles	Distinguished Professor
Scott Stanley	2026	M	Mechanical Engineering	Techno Planet	Vice President of Technology
Heather Wilson	2026	F	Political Science, International Relations	University of Texas, El Paso	President
Maureen L. Condic	2024	F	Neurology, Anatomy, and Bioethics	University of Utah School of Medicine	Associate Professor of Neurobiology & Adjunct Associate Professor of Pediatrics
Suresh V. Garimella	2024	M	Mechanical Engineering	University of Vermont	President
Steven Leath	2024	M	Plant Biology	Auburn University	Former President

Geraldine Richmond	2024	F	Bio & Atmospheric Chemistry; Alternative Energy	University of Oregon	Professor
Alan Stern	2024	M	Planetary Science & Engineering	Southwest Research Institute	Associate Vice President & Special Assistant to the President
Stephen Willard	2024	M	Biological Technology	Cellfire, Inc.	Former CEO
Arthur Bienenstock	2022	M	Materials Science and Engineering, Applied Physics, Photon Science	Stanford University	Professor Emeritus, Special Assistant to the President for Federal Research Policy, and Director of the Wallenberg Research Link
W. Kent Fuchs	2022	M	Molecular Biology	University of Florida	President
Carl Lineberger	2022	M	Chemistry & Physics	University of Colorado-Boulder, JILA	Professor & Fellow
Victor McCrary	2022	M	Physical Chemistry	University of the District of Columbia	Vice President for Research
Emilio Moran	2022	M	Human Environmental Sciences	Michigan State University	John A. Hannah Distinguished Professor, Department of Geography, Environment and Spatial Sciences
Julia M. Phillips	2022	F	Materials Research	Sandia National Laboratories	Executive Emeritus
Anneila Sargent	2022	F	Astrophysics & Astronomy	California Institute of Technology	Ira S. Bowen Professor of Astronomy Emeritus & Former Vice President of Student Affairs
Ellen Ochoa	2022	F	Optical Information Processing	NASA's Johnson Space Center	Former Director
Sethuraman Panchanathan	ex officio	M	Computer Science & Engineering	National Science Foundation	Director

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