

ADVISORY COMMITTEE FOR TECHNOLOGY, INNOVATION AND PARTNERSHIPS
NATIONAL SCIENCE FOUNDATION
Advisory Committee Charter

- 1. Committee's Official Designation:** Advisory Committee for Technology, Innovation and Partnerships, #84684 (the Committee).
- 2. Authority:** The Committee is established in accordance with the provisions of the Federal Advisory Committee Act (FACA), as amended, 5 U.S.C., Code 10; Chips and Science Act of 2022, PL 117-167, August 9, 2022, 136 Stat 1366; and the National Science Foundation (NSF) Act of 1950, as amended, 42 U.S.C. §1861 et. seq.
- 3. Objective and Scope of Activities:** To review and advise the National Science Foundation (NSF) on its Technology, Innovation and Partnerships (TIP) portfolio, including the activities of the TIP directorate.
- 4. Description of Duties:** The Committee will review and advise on how the TIP directorate (1) supports transformational advances in use-inspired and translational research and technology development, including through diverse funding mechanisms and models at different scales; (2) encourages the translation of research into innovations, processes, and products; (3) develops mutually-beneficial research and technology development partnerships and collaborations among institutions of higher education, including historically Black colleges and universities, Tribal Colleges or Universities, minority-serving institutions, emerging research institutions, EPSCoR (Established Program to Stimulate Competitive Research) institutions, and nonprofit organizations, labor organizations, businesses and other for-profit entities, Federal or State agencies, local or Tribal governments, civil society organizations, other Foundation directorates, national labs, field stations and marine laboratories, and, as appropriate, international entities and binational research and development foundations and funds; (4) partners with other directorates and offices of the Foundation for specific projects or research areas; (5) builds capacity and infrastructure for use-inspired and translational research at institutions of higher education across the United States, including by making awards to support administrative activities that advance development, operation, integration, deployment, and sharing of innovation; (6) supports the education, mentoring, and training of undergraduate students, graduate students, and postdoctoral researchers, to both advance use-inspired and translational research and to address workforce challenges, through scholarships, fellowships, and traineeships; and (7) identifies social, behavioral, and economic drivers and consequences of technological innovations that could enable advances in the challenges and key technology focus areas. In particular, the Committee will propose strategies for fulfilling the above; propose potential areas of research, particularly as relevant to United States

societal, national, and geostrategic challenges; and other relevant issues as determined by the NSF Assistant Director for TIP.

The Committee may advise TIP on program management, overall program balance, and other aspects of program performance; on plans and metrics to measure progress and impact of TIP programs and activities; and on plans for integrating TIP with the rest of NSF and creating feedback loops between foundational and use-inspired research.

The Committee may also advise on the impact of NSF-wide policies in the context of TIP.

- 5. Official to Whom the Committee Reports:** The Committee reports to the NSF Assistant Director for TIP.
- 6. Agency Responsible for Providing the Necessary Support:** NSF will provide all operating and staff support costs for the Committee.
- 7. Estimated Annual Operating Costs and Staff Years:** The estimated annual operating cost of the Committee is about \$124,828 which includes about \$76,828 in staff support costs. Staff support is approximately 0.4 person-years.
- 8. Designated Federal Officer:** A full-time or permanent part-time NSF employee will serve as the Designated Federal Officer (DFO). The DFO will approve or call the committee and subcommittee meetings, prepare and approve meeting agendas, attend committee and subcommittee meetings, and adjourn any meeting when the DFO determines adjournment to be in the public interest. The Assistant Director for TIP will serve as the DFO but may delegate DFO duties to alternate DFOs.
- 9. Estimated Number and Frequency of Meetings:** There are approximately two meetings each year.
- 10. Duration:** It is expected that the Committee will continue indefinitely with renewals of the charter every two years as required under FACA.
- 11. Termination:** The Committee is subject to biennial review and will terminate two years from the date the charter is filed unless the charter is renewed in accordance with Section 14 of FACA.
- 12. Membership and Designation:** The Committee shall consist of approximately 10 members broadly representative of stakeholders, including no less than three members from the private sector, none of whom shall be an employee of the Federal Government, and no less than one member with significant expertise in United States national security and economic

competitiveness. Members are selected to achieve a balance of viewpoints and expertise in scientific areas and types of institutions encompassed by TIP activities. To the extent practicable, effort is made to achieve a diverse membership that includes individuals from underrepresented groups and different geographic regions.

It is anticipated that members will be comprised of Special Government Employees (SGEs) and Regular Government Employees (RGEs).

- 13. Subcommittees:** NSF may form subcommittees for any purpose consistent with this charter. Such subcommittees may not work independently and must report their recommendations and advice to the full committee for full deliberation and discussion.
- 14. Recordkeeping:** The records of the Committee and any subcommittee(s) shall be handled in accordance with General Records Schedule 6.2 or other approved agency records disposition schedule. These records shall be available for public inspection and copying, subject to the Freedom of Information Act, 5 U.S.C. § 552, and 5 U.S.C. § 10, as appropriate.
- 15. Certification:** This Committee is determined to be necessary and in the public interest.

Dr. Erwin Gianchandani
Assistant Director
Technology, Innovation and Partnerships

Date Filed with Congress: June 28, 2023