Resource Summary Report

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National Science Foundation

RRID:SCR_012938
Type: Tool

Proper Citation

National Science Foundation (RRID:SCR_012938)

Resource Information

URL: http://www.nsf.gov/

Proper Citation: National Science Foundation (RRID:SCR_012938)

Description: An independent federal agency created by Congress to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense They are the funding source for approximately 20 percent of all federally supported basic research conducted by America''s colleges and universities. In many fields such as mathematics, computer science and the social sciences, NSF is the major source of federal backing. NSF leadership has two major components: a director who oversees NSF staff and management responsible for program creation and administration, merit review, planning, budget and day-to-day operations; and a 24-member National Science Board (NSB) of eminent individuals that meets six times a year to establish the overall policies of the foundation.The director and all Board members serve six year terms. Each of them, as well as the NSF deputy director, is appointed by the President of the United States and confirmed by the U.S. Senate. At present, NSF has a total workforce of about 2,100 at its Arlington, Va., headquarters, including approximately 1,400 career employees, 200 scientists from research institutions on temporary duty, 450 contract workers and the staff of the NSB office and the Office of the Inspector General. NSF is the only federal agency whose mission includes support for all fields of fundamental science and engineering, except for medical sciences. They are tasked with keeping the United States at the leading edge of discovery in areas from astronomy to geology to zoology. So, in addition to funding research in the traditional academic areas, the agency also supports high-risk, high pay-off ideas, novel collaborations and numerous projects that may seem like science fiction today, but which the public will take for granted tomorrow. And in every case, they ensure that research is fully integrated with education so that today''s revolutionary work will also be training tomorrow''s top scientists and engineers NSF''s task of identifying and funding work at the frontiers of science and engineering is not a top-down process.

Abbreviations: NSF

Synonyms: National Science Foundation

Resource Type: institution

Funding:

Resource Name: National Science Foundation

Resource ID: SCR_012938

Alternate IDs: grid.431093.c, Wikidata: Q304878, ISNI: 0000 0001 1958 7073, Crossref funder ID: 100000001, nlx_inv_1005118

Alternate URLs: https://ror.org/021nxhr62

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250420T014625+0000

Ratings and Alerts

No rating or validation information has been found for National Science Foundation.

No alerts have been found for National Science Foundation.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1969 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Tashjian SM, et al. (2025) Subregions in the ventromedial prefrontal cortex integrate threat and protective information to meta-represent safety. PLoS biology, 23(1), e3002986.

Gruys ML, et al. (2025) Gene model for the ortholog of Glys in Drosophila simulans. microPublication biology, 2025.

Galada A, et al. (2025) Design and evaluation of a problem-based learning VR module for apparel fit correction training. PloS one, 20(1), e0311587.

Mulder K, et al. (2024) A triangular model of fractal growth with application to adsorptive spin-

coating of polymers. PloS one, 19(2), e0298916.

Powell NV, et al. (2024) Coordination of gaze and action during high-speed steering and obstacle avoidance. PloS one, 19(3), e0289855.

Durst NJ, et al. (2024) The spatial and social correlates of neighborhood morphology: Evidence from building footprints in five U.S. metropolitan areas. PloS one, 19(4), e0299713.

He K, et al. (2024) Evaluating completion rates of COVID-19 contact tracing surveys in New York City. BMC public health, 24(1), 414.

Buchanan CE, et al. (2024) Relating gut microbiome composition and life history metrics for pronghorn (Antilocapra americana) in the Red Desert, Wyoming. PloS one, 19(7), e0306722.

Mo M, et al. (2024) Drosophila kikkawai - Sox102F. microPublication biology, 2024.

Miranda MC, et al. (2024) Investigating the effects of antipsychotic drugs as a treatment for improving the activity of the unc-33 /Dpysl2 gene in C. elegans. microPublication biology, 2024.

Supriya K, et al. (2024) Optional Exam Retakes Reduce Anxiety but may Exacerbate Score Disparities Between Students with Different Social Identities. CBE life sciences education, 23(3), ar30.

Lopez Fang L, et al. (2024) Leveraging shared ancestral variation to detect local introgression. PLoS genetics, 20(1), e1010155.

Kim BY, et al. (2024) Single-fly genome assemblies fill major phylogenomic gaps across the Drosophilidae Tree of Life. PLoS biology, 22(7), e3002697.

Nytko AG, et al. (2024) Evolution of rarity and phylogeny determine above- and belowground biomass in plant-plant interactions. PloS one, 19(5), e0294839.

Carlson EA, et al. (2024) The power to (detect) change: Can honey bee collected pollen be used to monitor pesticide residues in the landscape? PloS one, 19(9), e0309236.

Jasny L, et al. (2024) Correction: Same old story with a different ending: Homophily and preferential selection of information within the US climate policy network. PloS one, 19(9), e0311429.

Syed S, et al. (2024) Ustilago maydis Trf2 ensures genome stability by antagonizing Blm-mediated telomere recombination: Fine-tuning DNA repair factor activity at telomeres through opposing regulations. PLoS genetics, 20(12), e1011515.

Holt CJ, et al. (2024) The stabilized supralinear network accounts for the contrast dependence of visual cortical gamma oscillations. PLoS computational biology, 20(6), e1012190.

Bravo JI, et al. (2024) Multi-ancestry GWAS reveals loci linked to human variation in LINE-1-

and Alu-copy numbers. bioRxiv : the preprint server for biology.

Polizos NT, et al. (2024) Drosophila larvae form appetitive and aversive associative memory in response to thermal conditioning. PloS one, 19(9), e0303955.