

Resource Summary Report

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W. M. Keck Foundation

RRID:SCR_006103

Type: Tool

Proper Citation

W. M. Keck Foundation (RRID:SCR_006103)

Resource Information

URL: <http://www.wmkeck.org/>

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Description: The W. M. Keck Foundation was established in 1954 in Los Angeles by William Myron Keck, founder of The Superior Oil Company. Our Foundation is one of the nation's largest philanthropic organizations, with assets of more than \$1billion. Mr. Keck envisioned a philanthropic institution that would provide far-reaching benefits for humanity. By taking a bold, creative approach to grantmaking, he created a legacy that the Foundation proudly upholds today. In recent years, the Foundation has focused on Science and Engineering Research; Medical Research; Undergraduate Education; and Southern California. Each of our grant programs invests in people and programs that are making a difference in the quality of life, now and for the future. Supporting pioneering discoveries in science, engineering and medical research has been our mandate for a half-century. By funding the work of leading researchers, the establishment of unique laboratories and research centers, and the purchase of sophisticated instruments, we are laying the groundwork for breakthrough discoveries and new technologies that will save lives, provide innovative solutions to complex problems and add immeasurably to our understanding of life on Earth and our place in the universe. We believe that a high-quality, well-rounded college education is vital for tomorrow's leaders. The Foundation's undergraduate education program promotes inventive approaches to instruction and effective involvement of students in research at colleges across the nation. Our support of Southern California-based organizations enriching the lives of our region's residents has expanded and deepened over the years. We place a special emphasis on children, youth and their families, with the goal of providing safe, healthy, supportive environments that prepare children to succeed in school and in life.

Abbreviations: Keck Foundation

Resource Type: funding resource

Keywords: grant, medical research, science, engineering, research, southern california, undergraduate education, medicine, child, school, education, undergraduate

Availability: The Foundation does not make grants to individuals or to institutions outside of the United States.

Resource Name: W. M. Keck Foundation

Resource ID: SCR_006103

Alternate IDs: nlx_151574

Record Creation Time: 20220129T080234+0000

Record Last Update: 20260801T190304+0000

Ratings and Alerts

No rating or validation information has been found for W. M. Keck Foundation.

No alerts have been found for W. M. Keck Foundation.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Vijayan V, et al. (2025) Structure-specific Mini-Prion Model for Alzheimer's Disease Tau Fibrils. bioRxiv : the preprint server for biology.

Vigers MP, et al. (2025) Water-directed pinning is key to tau prion formation. Proceedings of the National Academy of Sciences of the United States of America, 122(18), e2421391122.

de Oliveira EF, et al. (2025) Identifying patterns differing between high-dimensional datasets with generalized contrastive PCA. PLoS computational biology, 21(2), e1012747.

de Oliveira EF, et al. (2025) Response to comment on "Identifying patterns differing between high-dimensional datasets with generalized contrastive PCA". PLoS computational biology, 21(10), e1013557.

Liu P, et al. (2024) Tree polynomials identify a link between co-transcriptional R-loops and nascent RNA folding. PLoS computational biology, 20(12), e1012669.

Matty MA, et al. (2022) Intestine-to-neuronal signaling alters risk-taking behaviors in food-deprived *Caenorhabditis elegans*. PLoS genetics, 18(5), e1010178.

Balagué N, et al. (2020) Network Physiology of Exercise: Vision and Perspectives. *Frontiers in physiology*, 11, 611550.

Schimek N, et al. (2020) Repeated Application of Transcranial Diagnostic Ultrasound Towards the Visual Cortex Induced Illusory Visual Percepts in Healthy Participants. *Frontiers in human neuroscience*, 14, 66.

Xie L, et al. (2019) Simulations reveal challenges to artificial community selection and possible strategies for success. *PLoS biology*, 17(6), e3000295.

Hart SFM, et al. (2019) Uncovering and resolving challenges of quantitative modeling in a simplified community of interacting cells. *PLoS biology*, 17(2), e3000135.

Pham TB, et al. (2019) Experimental population modification of the malaria vector mosquito, *Anopheles stephensi*. *PLoS genetics*, 15(12), e1008440.

Richelle A, et al. (2019) Assessing key decisions for transcriptomic data integration in biochemical networks. *PLoS computational biology*, 15(7), e1007185.

Wang JWJL, et al. (2019) Non-equilibrium critical dynamics of bursts in α and δ rhythms as fundamental characteristic of sleep and wake micro-architecture. *PLoS computational biology*, 15(11), e1007268.

Wang R, et al. (2017) Basic studies on epigenetic carcinogenesis of low-dose exposure to 1-trichloromethyl-1,2,3,4-tetrahydro- β -carboline (TaClo) in vitro. *PloS one*, 12(2), e0172243.

Venturas MD, et al. (2016) Chaparral Shrub Hydraulic Traits, Size, and Life History Types Relate to Species Mortality during California's Historic Drought of 2014. *PloS one*, 11(7), e0159145.

Wander JD, et al. (2016) Cortico-Cortical Interactions during Acquisition and Use of a Neuroprosthetic Skill. *PLoS computational biology*, 12(8), e1004931.

Nissi MJ, et al. (2015) Improved Visualization of Cartilage Canals Using Quantitative Susceptibility Mapping. *PloS one*, 10(7), e0132167.

Waite AJ, et al. (2015) Defectors Can Create Conditions That Rescue Cooperation. *PLoS computational biology*, 11(12), e1004645.

Stocco A, et al. (2015) Playing 20 Questions with the Mind: Collaborative Problem Solving by Humans Using a Brain-to-Brain Interface. *PloS one*, 10(9), e0137303.

Brant JO, et al. (2015) A Comparative Analysis of Gene Expression Profiles during Skin Regeneration in *Mus* and *Acomys*. *PloS one*, 10(11), e0142931.